

Data Import

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Open the site

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DataAI - Data Analytical Intelligence

Automatically analyzes data in your existing database or your file, and generates reports, charts, maps, dashboards, provides interface for ad hoc reports and statistical research, matrix balancing, makes the creation and processing of reports convenient, simple, and accessible for end users and administrators alike.



[How to play in Sandbox](#)



[How to play with Analytics, Charts, Maps](#)



[How to use the OUReports Project Manager](#)



[OUReports Youtube Channel](#)

OUReports Video Demonstration



[Comparison of OUReports Features](#)

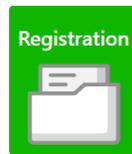
Click to watch the video

<https://www.youtube.com/embed/RXfEXED0y2w>

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 - Type chapter title (level 3) 3
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 - Type chapter title (level 2) 5
 - Type chapter title (level 3) 6

Click the 'Analytics, Charts, and Maps' button



[How to play in Sandbox](#)



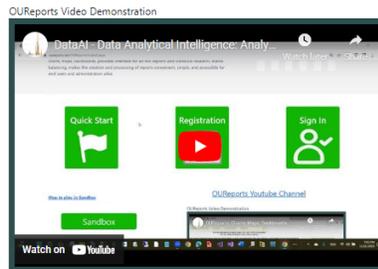
[How to play with Analytics, Charts, Maps](#)



[How to use the OUREports Project Manager](#)



[OUREports Youtube Channel](#)



[Comparison of OUREports features](#)

Click the 'Import Data' link

Analytics, Matrix balancing, Maps, KML generator DEMO

Reports:

[Create new report](#)

[Import data](#)

Advanced User

Search: 118 reports

Created by	Show Report	Edit	Copy	Delete	Expiration	Maps	Analytics	Data	Charts
csvdemo43_4_16_2020_1_50PM	Country Areas	locked	copy		2028-09-29 10:49:00		analytics	data	charts
csvdemo43_1_14_2023_10_17AM	Alzheimer	edit	copy	delete	2029-06-26 00:00:00	map	analytics	data	charts
csvdemo43_12_8_2023_5_34PM	Arthritis among older adults in AZ	edit	copy	delete	2029-06-26 00:00:00	map	analytics	data	charts
csvdemo43_7_22_2021_3_31PM	Arts Comp	edit	copy	delete	2028-09-29 10:49:00	map	analytics	data	charts
csvdemo43_4_25_2024_1_50PM	banklist4252024150pm updated on 4-25-2024 1-50-55 PM	edit	copy	delete	2029-06-26 00:00:00	map	analytics	data	charts
csvdemo43_4_24_2024_4_20PM	bblist	edit	copy	delete	2029-06-26 00:00:00	map	analytics	data	charts
csvdemo43_5_11_2024_4_09PM	capitalone	edit	copy	delete	2029-06-26 00:00:00	map	analytics	data	charts
csvdemo43_5_11_2024_3_27PM	capitalone5112024327pm updated on 5-11-2024 3-27-05 PM	edit	copy	delete	2029-06-26 00:00:00	map	analytics	data	charts
csvdemo43_5_11_2024_3_59PM	capitalone5112024359pm updated on 5-11-2024 3-59-12 PM	edit	copy	delete	2029-06-26 00:00:00	map	analytics	data	charts
csvdemo43_5_31_2020_2_34PM	Covid (test)	edit	copy	delete	2028-09-29 10:49:00	map	analytics	data	charts

DataAI - Data Analytical Intelligence

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- [Documentation](#)

[List of reports](#) [Log off](#)

Data Import from the local file

*Upload data into new table and check if table exists:

or select existing table to upload data: Filter existing tables:

*Select file to upload:

or upload from web site:

delete all records from the table before upload csv file delimiter: .

Result:

Report Title:

Data Query Text:

Date and Time of Import:

Report ID:

Specify the Table for the Import

Importing Data To An Existing Table

There are three ways to get an existing table:

1. Enter the name of the table in the ***Upload data into new table and check if table exists** prompt and press the tab key. If it exists, it will appear in the existing table dropdown text:



The screenshot shows a user interface for importing data. At the top, there is a prompt: ***Upload data into new table and check if table exists:** followed by a text input field containing the text "capitalone". Below this, there is a secondary option: "or select existing table to upload data:" followed by a "Filter existing tables:" label and another empty text input field. To the right of the filter field is a blue "Search" button. Below these elements is a dropdown menu that is currently open, displaying the text "capitalone(CapitalOne)" and a small downward-pointing chevron icon on the right side. A red arrow points from the "capitalone" text in the first input field down to the dropdown menu.

- Find the table using the **Filter existing tables** textbox. Enter the name of the table in the textbox and press the “Search” button. If there’s an exact match, the table name will appear in the existing table dropdown text:

***Upload data into new table and check if table exists:**

or select existing table to upload data:

capitalone(CapitalOne) ▼

- Select a table from the list of existing tables:

***Upload data into new table and check if table exists:**

or select existing table to upload data:

caraccidents

***Upload data into new table and check if table exists:**

or select existing table to upload data:

capitalone(CapitalOne) ▼

After an existing table has been chosen, you will see data, analytics, and report(s) listed for any reports defined previously using the existing table:

Data Import from the local file

***Upload data into new table and check if table exists:**

or select existing table to upload data:

capitalone(CapitalOne) ▼

Reports with the table capitalone:

Data	Analytics	Report
data	analytics	Capital One Credit
data	analytics	Capital One

Importing Data to a New Table

- Enter the name of the new table in the ***Upload data into new table and check if table exists prompt** and press the tab key.

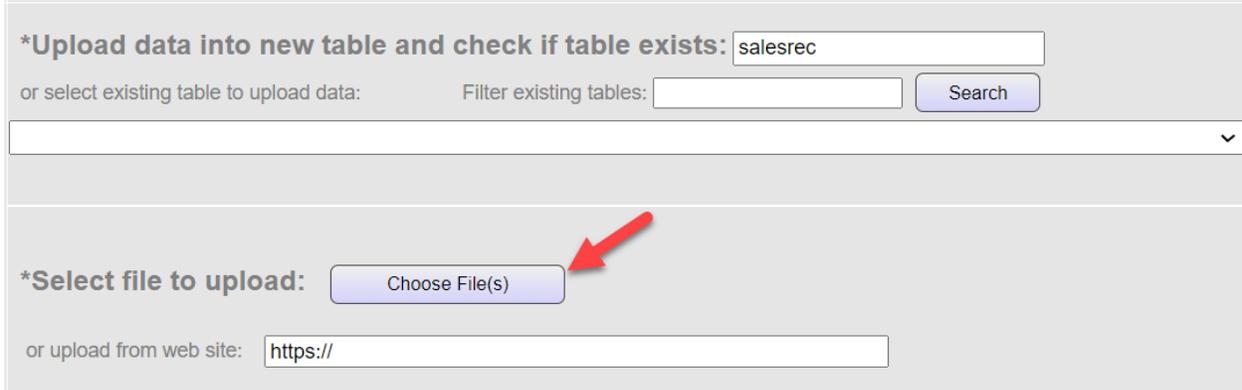
***Upload data into new table and check if table exists:**

or select existing table to upload data:

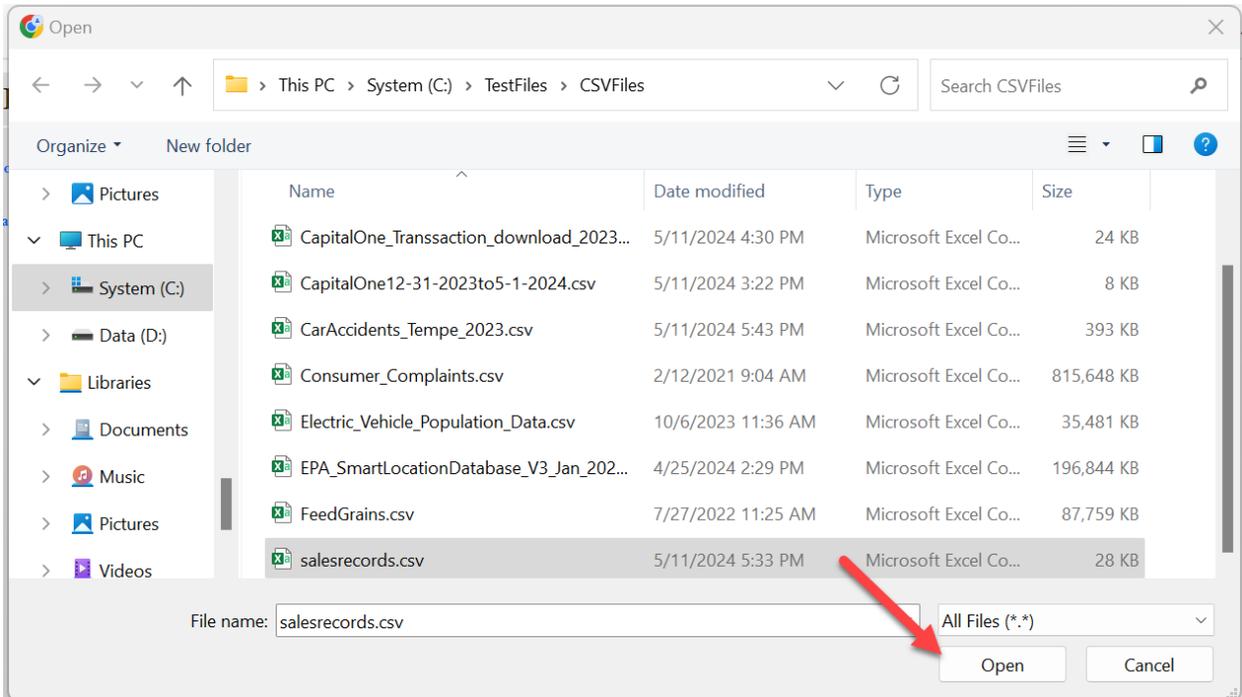
Select File(s) to Upload

Selecting File(s) From Local Computer

- Press the “Choose File(s)” button:



- From the File Explorer Dialog determine the file path, choose the file(s) to upload and press the “Open” button:



The number of files chosen then displays to the right of the “Choose Files(s)” button:



Selecting File(s) From a Web site

Enter the web URL in the “or upload from web site:” text box and press the tab key:



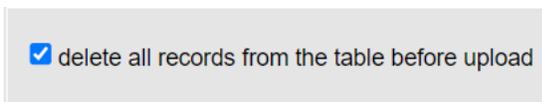
*Select file to upload:

or upload from web site:

File Upload Options

Delete All Records From Chosen Table Before Upload

Check “delete all records from the table before upload to clear the table before upload. If this checkbox is not checked, data in the file(s) is appended at the end of the table.



delete all records from the table before upload

Indicate CSV File Delimiter

Enter the csv delimiter in the “csv file delimiter” text box and press the tab key. It must be a displayable character. It defaults to the “,” character.



csv file delimiter:

Upload The File(s) Into The Table(s)

- Press the “Upload formatted file(s) into table(s)” button and wait for results.

Data Import from the local file

***Upload data into new table and check if table exists:**

or select existing table to upload data: Filter existing tables:

***Select file to upload:** 1 file

or upload from web site:

delete all records from the table before upload csv file delimiter:

Results

Data Import from the local file

***Upload data into new table and check if table exists:**
or select existing table to upload data: Filter existing tables:
salesrec

***Select file to upload:**
or upload from web site:
 delete all records from the table before upload csv file delimiter:

Import finished.

Result:

Report Title: [edit title](#) [explore data](#)

salesrec updated on 5-20-2024 3-22-28 PM

Data Query Text:

```
SELECT * FROM salesrec
```

Date and Time of Import:

Last imported from the file salesrecords.csv on 5/20/2024 3:22:28 PM, downloaded to c:\uploads\fhcsv_salesrecordscsv5202024322pm..csv

Report ID:

fhcsv14_5_20_2024_3_22PM

Reports list is updated

A new report is created and links to its data, analytics, and report are added to the Reports List on the right.

Reports with the table salesrec:

Data Analytics **Report**
[data](#) [analytics](#) [salesrec updated on 5-20-2024 3-22-28 PM](#)

Data Analytics **Report**
[data](#) [analytics](#) [salesrec updated on 5-20-2024 3-22-28 PM](#)

Report statistics are shown

Import finished.

Result:

Report Title: [edit title](#) [explore data](#)

salesrec updated on 5-20-2024 3-22-28 PM

Data Query Text:

```
SELECT * FROM salesrec
```

Date and Time of Import:

Last imported from the file salesrecords.csv on 5/20/2024 3:22:28 PM, downloaded to c:\uploadsfhlcsv_salesrecordscsv5202024322pm..csv

Report ID:

fhlcsv14_5_20_2024_3_22PM

Report List

As noted above, after file(s) have been uploaded successfully, a new report is created and links to data, analytics, and the report are added to report list to the right.

Data

Clicking 'data' link will open new page with Data in your table:

Reports with the table salesrec:

Data Analytics

Report

[data](#) [analytics](#) [salesrec updated on 5-20-2024 3-22-28 PM](#)

Reset hide duplicate records Export delimitter: . Classes Show Data Statistics DataAI Help for this page

Data for report: salesrec updated on 5-20-2024 3-22-28 PM Search: [] [] [] Search

Records returned: 200 Export to Excel AI

OrderYear	Region	Country	Item Type	SalesChannel	OrderPriority	cName6	OrderDate	OrderID	ShipDate	Units Sold	UnitPrice	UnitCost	TotalRevenue	TotalCost	TotalProfit	Idx	Idx2
2010	Australia and Oceania	Tuvalu	Baby Food	Offline	H	0	2010-05-28 00:00:00	669166016	2010-06-27 00:00:00	9925	255.28	159.42	2533650	1582240	951410	1	1
2016	Europe	Iceland	Cosmetics	Online	C	0	2016-12-31 00:00:00	331438016	2016-12-31 00:00:00	8867	437.2	263.33	3876650	2334950	1541710	2	2
2012	Central America and the Caribbean	Grenada	Cereal	Online	C	0	2012-08-22 00:00:00	963881024	2012-09-15 00:00:00	2804	205.7	117.11	576783	328376	248406	3	3
2014	Europe	Russia	Office Supplies	Offline	L	0	2014-06-02 00:00:00	341416992	2014-05-08 00:00:00	1779	651.21	524.96	1158500	933904	224599	4	4
2014	Sub-Saharan Africa	Sao Tome and Principe	Fruits	Online	C	0	2014-02-00 00:00:00	514321984	2014-07-05 00:00:00	8102	9.33	6.92	75591.7	56065.8	19525.8	5	5
2013	Sub-Saharan Africa	Rwanda	Office Supplies	Offline	L	0	2013-02-01 00:00:00	115457000	2013-02-06 00:00:00	5062	651.21	524.96	3296420	2657350	639078	6	6
2015	Australia and Oceania	Solomon Islands	Baby Food	Online	C	0	2015-02-04 00:00:00	547996032	2015-02-21 00:00:00	2974	255.28	159.42	759203	474115	285088	7	7
2016	Central America and the Caribbean	Honduras	Snacks	Online	L	0	2016-06-30 00:00:00	795491008	2016-07-26 00:00:00	2225	152.58	97.44	339490	216804	122686	123	8
2010	Europe	Switzerland	Personal Care	Online	M	0	2010-12-23 00:00:00	617667008	2011-01-31 00:00:00	273	81.73	56.67	22312.3	15470.9	6841.38	8	9
2014	Australia and Oceania	New Zealand	Fruits	Online	H	0	2014-09-08 00:00:00	142278000	2014-10-04 00:00:00	2187	9.33	6.92	20404.7	15134	5270.67	124	10
2016	Europe	Moldova	Personal Care	Online	L	0	2016-05-07 00:00:00	740147968	2016-05-10 00:00:00	5070	81.73	56.67	414371	287317	127054	125	11
2017	Europe	France	Cosmetics	Online	H	0	2017-05-22 00:00:00	898523008	2017-06-05 00:00:00	1815	437.2	263.33	793518	477944	315574	126	12
2011	Sub-Saharan Africa	Angola	Household	Offline	M	0	2011-04-23 00:00:00	135424992	2011-04-27 00:00:00	4187	668.27	502.54	2798050	2104140	693912	9	13
2014	Australia and Oceania	Kiribati	Fruits	Online	M	0	2014-10-13 00:00:00	347140000	2014-11-10 00:00:00	5398	9.33	6.92	50363.3	37354.2	13009.2	127	14
2017	Europe	France	Cosmetics	Online	H	0	2017-05-22 00:00:00	898523008	2017-06-05 00:00:00	1815	437.2	263.33	793518	477944	315574	41	15
2010	Sub-Saharan Africa	Mali	Fruits	Online	L	0	2010-05-07 00:00:00	686048000	2010-05-10 00:00:00	5822	9.33	6.92	54319.3	40288.2	14031	128	16
2014	Europe	Macedonia	Clothes	Offline	C	0	2014-10-14 00:00:00	787398976	2014-11-14 00:00:00	7842	109.28	35.84	856974	281057	575916	10	17
2012	Sub-Saharan Africa	Burkina Faso	Vegetables	Online	H	0	2012-07-17 00:00:00	871544000	2012-07-27 00:00:00	8082	154.06	90.93	1245110	734896	510217	11	18
2012	Sub-Saharan Africa	Mauritania	Office Supplies	Offline	C	0	2012-01-11 00:00:00	837558976	2012-01-13 00:00:00	1266	651.21	524.96	824432	664599	159832	12	19
2014	Europe	Norway	Beverages	Offline	C	0	2014-07-18 00:00:00	435608992	2014-07-30 00:00:00	5124	47.45	31.79	243134	162892	80241.8	129	20
2012	Sub-Saharan Africa	The Gambia	Household	Offline	L	0	2012-05-16 00:00:00	886494976	2012-06-09 00:00:00	2370	668.27	502.54	1583800	1191020	392780	130	21
2010	Europe	Albania	Clothes	Online	C	0	2010-02-02 00:00:00	385330008	2010-03-18 00:00:00	2269	109.28	35.84	247966	81321	166635	13	22
2013	Sub-Saharan Africa	Lesotho	Fruits	Online	L	0	2013-08-18 00:00:00	918419968	2013-09-18 00:00:00	9606	9.33	6.92	89624	66473.5	23150.5	14	23
2013	Middle East and North Africa	Saudi Arabia	Cereal	Online	M	0	2013-03-25 00:00:00	844529984	2013-03-28 00:00:00	4063	205.7	117.11	835759	475818	359941	15	24
2011	Sub-Saharan Africa	Sierra Leone	Office Supplies	Offline	M	0	2011-11-26 00:00:00	441888000	2012-01-07 00:00:00	3457	651.21	524.96	2251230	1814790	436446	16	25
2013	Europe	San Marino	Baby Food	Online	L	0	2013-06-26 00:00:00	569662976	2013-07-01 00:00:00	4750	255.28	159.42	1212580	757245	455335	42	26
2015	Sub-Saharan Africa	Republic of the Congo	Personal Care	Offline	M	0	2015-07-14 00:00:00	770462976	2015-08-25 00:00:00	6070	81.73	56.67	496101	343987	152114	17	27
2014	Sub-Saharan Africa	Senegal	Cereal	Online	H	0	2014-04-18 00:00:00	616606976	2014-05-30 00:00:00	6593	205.7	117.11	1355180	772106	584074	18	28
2011	Asia	Kyrgyzstan	Vegetables	Online	H	0	2011-06-24 00:00:00	814712000	2011-07-12 00:00:00	124	154.06	90.93	19103.4	11275.3	7828.12	19	29
2014	Sub-Saharan Africa	Cape Verde	Clothes	Offline	H	0	2014-08-02 00:00:00	939825984	2014-08-19 00:00:00	4168	109.28	35.84	455479	149381	306098	20	30

1 2 3 4 5 6 7

Last imported from the file salesrecords.csv on 5/20/2024 3:22:28 PM, downloaded to c:\uploads\files\salesrecords\salesrecords5202024322pm.csv

Export data into new table: [] Export

Show Data Statistics

Clicking the 'Show Data Statistics' link will open the page with overall statistics:

Reset hide duplicate records Export delimiter: Classes **Show Data Statistics** DataAI Help for this page

Reset hide duplicate records Export delimiter: Classes Show Data Statistics DataAI Help for this page

Statistics for report: salesrec updated on 5-20-2024 3-22-28 PM [Export to Excel](#)

Friendly Name	Field	Count	Count Distinct	First Value	Last Value	Sum	Min	Max	Average	StDev	95% CI	Var
OrderYear	OrderYear	200	8	2010	2015	402646	2010	2017	2013.23	2.08	2013.23 + 0.29	4.34
Region	Region	200	7	Australia and Oceania	Europe							
Country	Country	200	76	Tuvalu	Portugal							
Item Type	Item Type	200	12	Baby Food	Baby Food							
SalesChannel	SalesChannel	200	2	Offline	Online							
OrderPriority	OrderPriority	200	4	H	H							
cName6	cName6	200	1	0	0	0	0	0	0	0	0 + 0	0
OrderDate	OrderDate	200	100	2010-05-28 00:00:00	2015-07-31 00:00:00							
OrderID	OrderID	200	100	669165016	860673984	114607000	994022016	555020388.16	259959613.41	555020388.16	+ 36028564.27	6.75790006052581E+16
ShipDate	ShipDate	200	99	2010-06-27 00:00:00	2015-09-03 00:00:00							
UnitsSold	UnitsSold	200	99	9925	1273	1025742	124	9925	5128.71	2787.45	5128.71 + - 386.32	7769902.04
UnitPrice	UnitPrice	200	12	255.28	255.28							
UnitCost	UnitCost	200	12	159.42	159.42							
TotalRevenue	TotalRevenue	200	100	2533650	324971							
TotalCost	TotalCost	200	100	1582240	202942	186361143	3612	4509790	931805.71	1081211.38	931805.71 + - 149848.25	1169018040868.48
TotalProfit	TotalProfit	200	100	951410	122030							
Indx	Indx	200	200	1	122	20100	1	200	100.5	57.88	100.5 + - 8.02	3350
Indx0	Indx0	200	200	1	200	20100	1	200	100	57.88	100 + - 8.02	3350

Data for report: salesrec updated on 5-20-2024 3-22-28 PM Search:

Records returned: 200 [Export to Excel](#) [AI](#)

OrderYear	Region	Country	Item Type	SalesChannel	OrderPriority	cName6	OrderDate	OrderID	ShipDate	Units Sold	UnitPrice	UnitCost	TotalRevenue	TotalCost	TotalProfit	Indx	Indx0
2010	Australia and Oceania	Tuvalu	Baby Food	Offline	H	0	2010-05-28 00:00:00	669166016	2010-06-27 00:00:00	9925	255.28	159.42	2533650	1582240	951410	1	1
2016	Europe	Iceland	Cosmetics	Online	C	0	2016-12-31 00:00:00	331438016	2016-12-31 00:00:00	8867	437.2	263.33	3876650	2334950	1541710	2	2
2012	Central America and the Caribbean	Grenada	Cereal	Online	C	0	2012-08-22 00:00:00	963881024	2012-09-15 00:00:00	2804	205.7	117.11	576783	328376	248406	3	3
2014	Europe	Russia	Office Supplies	Offline	L	0	2014-05-02 00:00:00	341416992	2014-05-08 00:00:00	1779	651.21	524.96	1158500	933904	224599	4	4
2014	Sub-Saharan Africa	Sao Tome and Principe	Fruits	Online	C	0	2014-06-20 00:00:00	514321984	2014-07-05 00:00:00	8102	9.33	6.92	75591.7	56065.8	19525.8	5	5
2013	Sub-Saharan Africa	Rwanda	Office Supplies	Offline	L	0	2013-02-01 00:00:00	115457000	2013-02-06 00:00:00	5062	651.21	524.96	3296420	2657350	639078	6	6
2015	Australia and Oceania	Solomon Islands	Baby Food	Online	C	0	2015-02-04 00:00:00	547996032	2015-02-21 00:00:00	2974	255.28	159.42	759203	474115	285088	7	7
2016	Central America and the Caribbean	Honduras	Snacks	Online	L	0	2016-06-30 00:00:00	795491008	2016-07-26 00:00:00	2225	152.58	97.44	339490	216804	122686	123	8
2010	Europe	Switzerland	Personal Care	Online	M	0	2010-12-23 00:00:00	817697008	2011-01-31 00:00:00	273	61.73	56.67	22312.3	15470.9	6841.38	9	9
2014	Australia and Oceania	New Zealand	Fruits	Online	H	0	2014-09-08 00:00:00	142278000	2014-10-04 00:00:00	2187	9.33	6.92	20404.7	15134	5270.67	124	10
2016	Europe	Moldova	Personal Care	Online	L	0	2016-05-07 00:00:00	740147968	2016-05-10 00:00:00	5070	81.73	56.67	414371	287317	127054	125	11
2017	Europe	France	Cosmetics	Online	H	0	2017-05-22 00:00:00	898523008	2017-06-05 00:00:00	1815	437.2	263.33	793518	477944	315574	126	12
2011	Sub-Saharan Africa	Angola	Household	Offline	M	0	2011-04-23 00:00:00	135424992	2011-04-27 00:00:00	4187	668.27	502.54	2798050	210440	693912	9	13
2014	Australia and Oceania	Kiribati	Fruits	Online	M	0	2014-10-13 00:00:00	347140000	2014-11-10 00:00:00	5398	9.33	6.92	50363.3	37354.2	13009.2	127	14
2017	Europe	France	Cosmetics	Online	H	0	2017-05-22 00:00:00	898523008	2017-06-05 00:00:00	1815	437.2	263.33	793518	477944	315574	15	15
2010	Sub-Saharan Africa	Mali	Fruits	Online	L	0	2010-05-07 00:00:00	686048000	2010-05-10 00:00:00	5822	9.33	6.92	54319.3	40288.2	14031	128	16
2014	Europe	Macedonia	Clothes	Offline	C	0	2014-10-14 00:00:00	787398976	2014-11-14 00:00:00	7842	109.28	35.84	856974	281057	575916	10	17
2012	Sub-Saharan Africa	Burkina Faso	Vegetables	Online	H	0	2012-07-17 00:00:00	871544000	2012-07-27 00:00:00	8082	154.06	90.93	1245110	734896	510217	11	18
2012	Sub-Saharan Africa	Mauritania	Office Supplies	Offline	C	0	2012-01-11 00:00:00	83758976	2012-01-13 00:00:00	1266	651.21	524.96	824432	664599	159832	12	19
2014	Europe	Norway	Beverages	Offline	C	0	2014-07-18 00:00:00	435608992	2014-07-30 00:00:00	5124	47.45	31.79	243134	162892	80241.8	129	20
2012	Sub-Saharan Africa	The Gambia	Household	Offline	L	0	2012-05-26 00:00:00	886494976	2012-06-09 00:00:00	2370	668.27	502.54	1583800	1191020	392780	130	21
2010	Europe	Albania	Clothes	Online	C	0	2010-02-02 00:00:00	305303008	2010-03-18 00:00:00	2269	109.28	35.84	247956	81321	166635	13	22
2013	Sub-Saharan Africa	Lesotho	Fruits	Online	L	0	2013-08-18 00:00:00	918419968	2013-09-18 00:00:00	9608	9.33	6.92	89624	66473.5	23150.5	14	23
2013	Middle East and North Africa	Saudi Arabia	Cereal	Online	M	0	2013-03-25 00:00:00	844529984	2013-03-28 00:00:00	4063	205.7	117.11	835759	475818	359941	15	24
2011	Sub-Saharan Africa	Sierra Leone	Office Supplies	Offline	M	0	2011-11-26 00:00:00	441188000	2012-01-07 00:00:00	3457	651.21	524.96	2251230	1814790	436446	16	25
2013	Europe	San Marino	Baby Food	Online	L	0	2013-06-26 00:00:00	669662976	2013-07-01 00:00:00	4750	255.28	159.42	1212580	757245	453335	17	26
2015	Sub-Saharan Africa	Republic of the Congo	Personal Care	Offline	M	0	2015-07-14 00:00:00	770462976	2015-08-25 00:00:00	6070	81.73	56.67	496101	343987	152114	17	27
2014	Sub-Saharan Africa	Senegal	Cereal	Online	H	0	2014-04-18 00:00:00	81606976	2014-05-30 00:00:00	6593	205.7	117.11	1356180	772106	584074	18	28
2011	Asia	Kyrgyzstan	Vegetables	Online	H	0	2011-06-24 00:00:00	814712000	2011-07-12 00:00:00	124	154.06	90.93	19103.4	11275.3	7828.12	19	29
2014	Sub-Saharan Africa	Cape Verde	Clothes	Offline	H	0	2014-08-02 00:00:00	939825984	2014-08-19 00:00:00	4168	109.28	35.84	455479	149381	306098	20	30

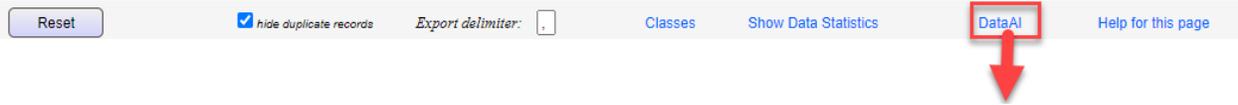
1 2 3 4 5 6 7

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Export data into new table:

DataAI

Clicking the 'DataAI' link will open the DataAI page:



DataAI - Data Analytical Intelligence

[List of Reports](#) [Data](#)
 Data to analyze:

Records returned: 200 [Export to Excel](#) [AI](#) Search:

OrderYear	Region	Country	Item Type	SalesChannel	OrderPriority	cNames	OrderDate	OrderID	ShipDate	UnitsSold	UnitPrice	UnitCost	TotalRevenue	TotalCost	TotalProfit	Indx	Indb
2010	Australia and Oceania	Tuvalu	Baby Food	Offline	H	0	2016-05-28 00:00:00	669165016	2016-06-27 00:00:00	9925	255.28	159.42	2533650	1582240	951410	1	1
2016	Europe	Iceland	Cosmetics	Online	C	0	2016-12-31 00:00:00	331438016	2016-12-31 00:00:00	8867	437.2	263.33	3876660	2334950	1541710	2	2
2012	Central America and the Caribbean	Grenada	Cereal	Online	C	0	2012-08-22 00:00:00	963881024	2012-09-15 00:00:00	2804	205.7	117.11	576783	328376	248406	3	3
2014	Europe	Russia	Office Supplies	Offline	L	0	2014-05-02 00:00:00	341416992	2014-05-08 00:00:00	1770	651.21	524.96	1165500	533904	224599	4	4
2014	Sub-Saharan Africa	Sao Tome and Principe	Fruits	Online	C	0	2014-06-20 00:00:00	514321984	2014-07-05 00:00:00	8102	9.33	6.92	75591.7	56065.8	19525.8	5	5
2013	Sub-Saharan Africa	Rwanda	Office Supplies/Offline	Offline	L	0	2013-02-01 00:00:00	115457000	2013-02-06 00:00:00	5062	651.21	524.96	3296420	2673360	639078	6	6
2015	Australia and Oceania	Solomon Islands	Baby Food	Online	C	0	2015-02-04 00:00:00	547996032	2015-02-21 00:00:00	2974	255.28	159.42	759203	474115	285088	7	7
2016	Central America and the Caribbean	Honduras	Snacks	Online	L	0	2016-06-30 00:00:00	795491008	2016-07-26 00:00:00	2225	163.58	97.44	339490	216804	122686	122	8
2010	Europe	Switzerland	Personal Care	Online	M	0	2010-12-23 00:00:00	617667008	2010-01-31 00:00:00	273	81.73	56.67	22312.3	15470.9	6841.38	8	9
2014	Australia and Oceania	New Zealand	Fruits	Online	H	0	2014-09-08 00:00:00	142278000	2014-10-04 00:00:00	2187	9.33	6.92	20484.7	15134	5270.67	124	10

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) ...

Result: [Download](#) [AI](#)
 Explore data of report: salesrec updated on 5-20-2024 3-22-28 PM
 Analytics for: **ORDERYEAR** :
 Max Value: 2017
 Min Value: 2010
 Average Value: 2013.23

Top 5% Range: (2017 - 2017)
****ORDERYEAR**** **Region** **Country** **Item Type** **SalesChannel** **OrderPriority** **cName** **OrderDate** **OrderID** **ShipDate** **UnitsSold** **UnitPrice** **UnitCost** **TotalRevenue** **TotalCost** **TotalProfit** **Indx** **Indb**

2017	Europe	France	Cosmetics	Online	H	0	2017-05-22 00:00:00	899523808	2017-06-09 00:00:00	1815	437.2	263.33	793518	477944	315574	126	12
2017	Europe	France	Cosmetics	Online	H	0	2017-05-22 00:00:00	899523808	2017-06-09 00:00:00	1815	437.2	263.33	793518	477944	315574	41	15
2017	Asia	Bangladesh	Clothes	Online	L	0	2017-01-13 00:00:00	187311808	2017-01-01 00:00:00	8263	189.28	35.84	982881	296146	686835	21	31
2017	Central America and the Caribbean	Honduras	Household	Offline	M	0	2017-02-08 00:00:00	522848000	2017-02-13 00:00:00	8974	668.27	502.54	5997660	4589760	1487260	22	33
2017	Sub-Saharan Africa	Djibouti	Snacks	Online	M	0	2017-02-25 00:00:00	756275808	2017-02-25 00:00:00	7327	152.58	97.44	1117950	71943	448811	135	53
2017	Central America and the Caribbean	Costa Rica	Personal Care	Offline	L	0	2017-05-08 00:00:00	456167088	2017-05-21 00:00:00	6489	81.73	56.67	523888	363198	160818	136	56
2017	Sub-Saharan Africa	The Gambia	Meat	Online	M	0	2017-01-14 00:00:00	825304800	2017-01-23 00:00:00	4767	421.89	364.69	2011159	1738480	272672	138	68
2017	Sub-Saharan Africa	Niger	Personal Care	Online	H	0	2017-03-11 00:00:00	699238816	2017-03-28 00:00:00	3815	81.73	56.67	246416	178888	75355.9	141	67
2017	Sub-Saharan Africa	Djibouti	Snacks	Online	M	0	2017-02-25 00:00:00	756275808	2017-02-25 00:00:00	7327	152.58	97.44	1117950	71943	448811	68	91
2017	Central America and the Caribbean	Costa Rica	Personal Care	Offline	L	0	2017-05-08 00:00:00	456167088	2017-05-21 00:00:00	6489	81.73	56.67	523888	363198	160818	62	96

Lowest 5% Range: (2010 - 2010)
****ORDERYEAR**** **Region** **Country** **Item Type** **SalesChannel** **OrderPriority** **cName** **OrderDate** **OrderID** **ShipDate** **UnitsSold** **UnitPrice** **UnitCost** **TotalRevenue** **TotalCost** **TotalProfit** **Indx** **Indb**

2010	Australia and Oceania	Tuvalu	Baby Food	Offline	H	0	2010-05-28 00:00:00	669165016	2010-06-27 00:00:00	9925	255.28	159.42	2533650	1582240	951410	1	1
2010	Europe	Switzerland	Personal Care	Online	M	0	2010-12-23 00:00:00	617667008	2010-01-31 00:00:00	273	81.73	56.67	22312.3	15470.9	6841.38	8	9
2010	Sub-Saharan Africa	Mali	Fruits	Online	L	0	2010-05-07 00:00:00	686848000	2010-05-18 00:00:00	5822	9.33	6.92	54319.3	40288.2	14031	128	16
2010	Europe	Albania	Clothes	Online	C	0	2010-02-02 00:00:00	385183008	2010-01-18 00:00:00	2269	189.28	35.84	247936	81221	166655	13	22
2010	Asia	Turkmenistan	Household	Offline	L	0	2010-12-30 00:00:00	444139808	2011-01-28 00:00:00	3830	668.27	502.54	2550470	1924730	634746	27	40
2010	Sub-Saharan Africa	Mali	Fruits	Online	L	0	2010-05-07 00:00:00	686848000	2010-05-18 00:00:00	5822	9.33	6.92	54319.3	40288.2	14031	45	41
2010	Middle East and North Africa	Libya	Clothes	Offline	H	0	2010-10-30 00:00:00	789784800	2010-11-17 00:00:00	6116	189.28	35.84	688356	219197	449159	46	44
2010	Australia and Oceania	Fiji	Clothes	Offline	C	0	2010-06-30 00:00:00	647879568	2010-08-01 00:00:00	8985	189.28	35.84	1882420	354995	727423	32	52
2010	Middle East and North Africa	Azerbaijan	Cosmetics	Online	M	0	2010-02-06 00:00:00	382392800	2010-02-25 00:00:00	7234	437.2	263.33	3162780	1984930	1357780	142	68
2010	Europe	Switzerland	Personal Care	Online	M	0	2010-12-23 00:00:00	617667008	2010-01-31 00:00:00	273	81.73	56.67	22312.3	15470.9	6841.38	148	88

DataAI determines the maximum, minimum, average value, top 5%, and lowest 5% for each numerical field in the table. Table records for the top and lowest 5% are displayed.

Analytics

Clicking the 'analytics' link will open the Analytics page with Data in your table:

Reports with the table salesrec:

Data Analytics **Report**
[data](#) [analytics](#) [salesrec updated on 5-20-2024 2-41-57 PM](#)

[Recalculate Analytics](#) [Correlation](#) [Data and Statistics](#) [Report and Charts](#) [List of User Dashboards](#) [Matrix Balancing](#) [Help](#) [Log off](#)

salesrec updated on 5-20-2024 3-22-28 PM - Analytics

*Select the field1: TotalRevenue
aggregation function: Sum

Select the field2:
aggregation function: Count

Search: Search 17 records

Category/Group 1	Category/Group 2	Matrix/Pivot	Bar Chart	Pie Chart	Line Chart	Data records	Dashboard	Matrix Balancing	Charts
Country	Country		bar	pie			stats dashboard	advanced	charts
Country	ItemType	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
Country	OrderPriority	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
Country	OrderYear	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
Country	SalesChannel	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
ItemType		matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
ItemType	ItemType		bar	pie			stats dashboard	advanced	charts
ItemType	OrderPriority	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
ItemType	OrderYear	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
ItemType	SalesChannel	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
OrderYear	OrderYear		bar	pie			stats dashboard	advanced	charts
Region	Country	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
Region	ItemType	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
Region	OrderPriority	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
Region	Region		bar	pie			stats dashboard	advanced	charts
Region	SalesChannel	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts
SalesChannel	OrderPriority	matrix	bar	pie	line	detail report	stats dashboard	advanced	charts

Selecting the field 1, aggregation function and clicking the links will open charts, reports dashboards, advanced analytics for Categories and Groups for each row.

*Select the field1: TotalRevenue
aggregation function: Sum

A second field can also be defined for charts and advanced analytics.

*Select the field1: TotalRevenue
aggregation function: Sum

Select the field2: TotalCost
aggregation function: Sum

Region	Country	matrix	bar	pie	line	detail_report	stats_dashboard	advanced	charts
Region	ItemType	matrix	bar	pie	line	detail_report	stats_dashboard	advanced	charts
Region	OrderPriority	matrix	bar	pie	line	detail_report	stats_dashboard	advanced	charts
Region	Region	matrix	bar	pie	line	detail_report	stats_dashboard	advanced	charts
Region	SalesChannel	matrix	bar	pie	line	detail_report	stats_dashboard	advanced	charts

Matrix/Pivot Table

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Sum of TotalRevenue in group by Region, ItemType

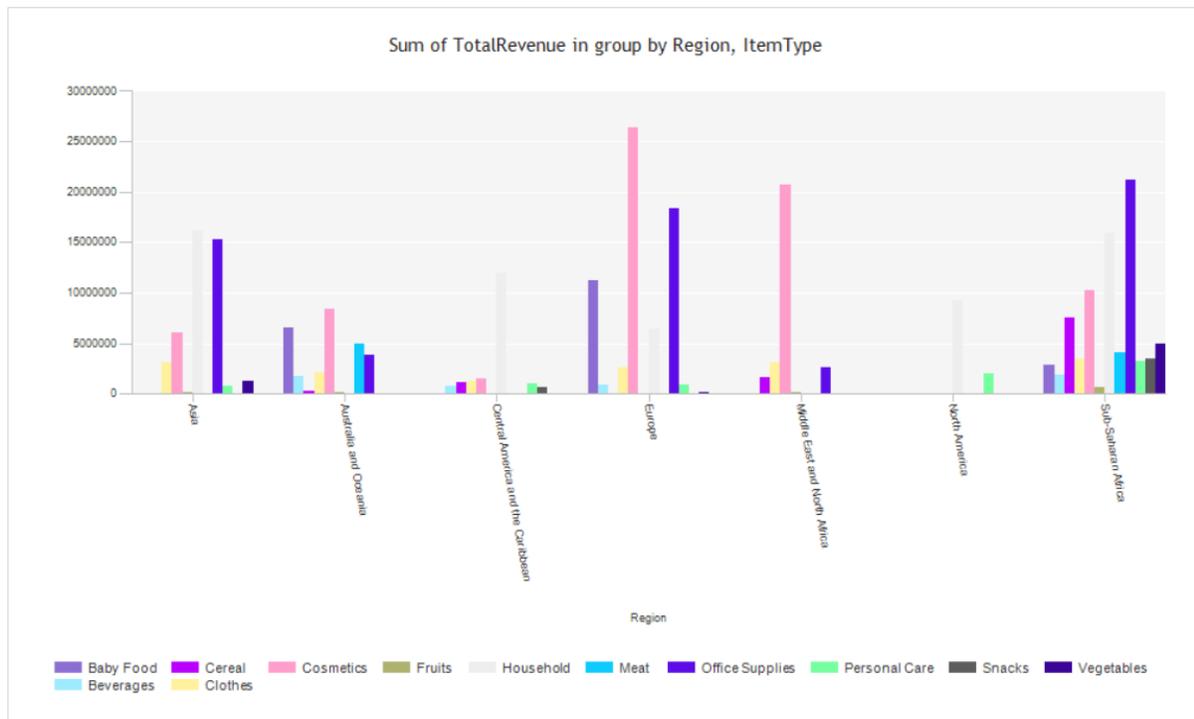
Overall Sum of TotalRevenue: 27467461.0													
Region\ItemType	By Region:	Baby Food	Beverages	Cereal	Clothes	Cosmetics	Fruits	Household	Meat	Office Supplies	Personal Care	Snacks	Vegetables
Asia	42694173	0	0	0	3102022	6078820	116942.2	16145400	0	15261760	801118	0	1188110.8
Australia and Oceania	28188540	5585706	1781084	280574	2164840	8441460	141536	0	4985060	3808280	0	0	0
Central America and the Caribbean	18340780	0	774004	1153566	1201642	1490852	0	11994120	0	0	1047616	678980	0
Europe	66737849.2	11276742	928502	0	2575510	26319436	0	6408704	0	18302900	873366.6	0	52688.6
Middle East and North Africa	28105406.1	0	0	1671518	3059840	20648940	92908.1	0	0	2632200	0	0	0
North America	11286714	0	0	0	0	0	0	9294300	0	0	1992414	0	0
Sub-Saharan Africa	79344029.6	2838200	1898000	7540140	3470733.2	10223480	581576.4	15936900	4022300	21165618	3247296	3482478	4937308
By ItemType:	20700648	5381590	10645798	15574587.2	73202988	932962.7	59779424	9007360	61170758	7961810.6	4161458	6178107.4	

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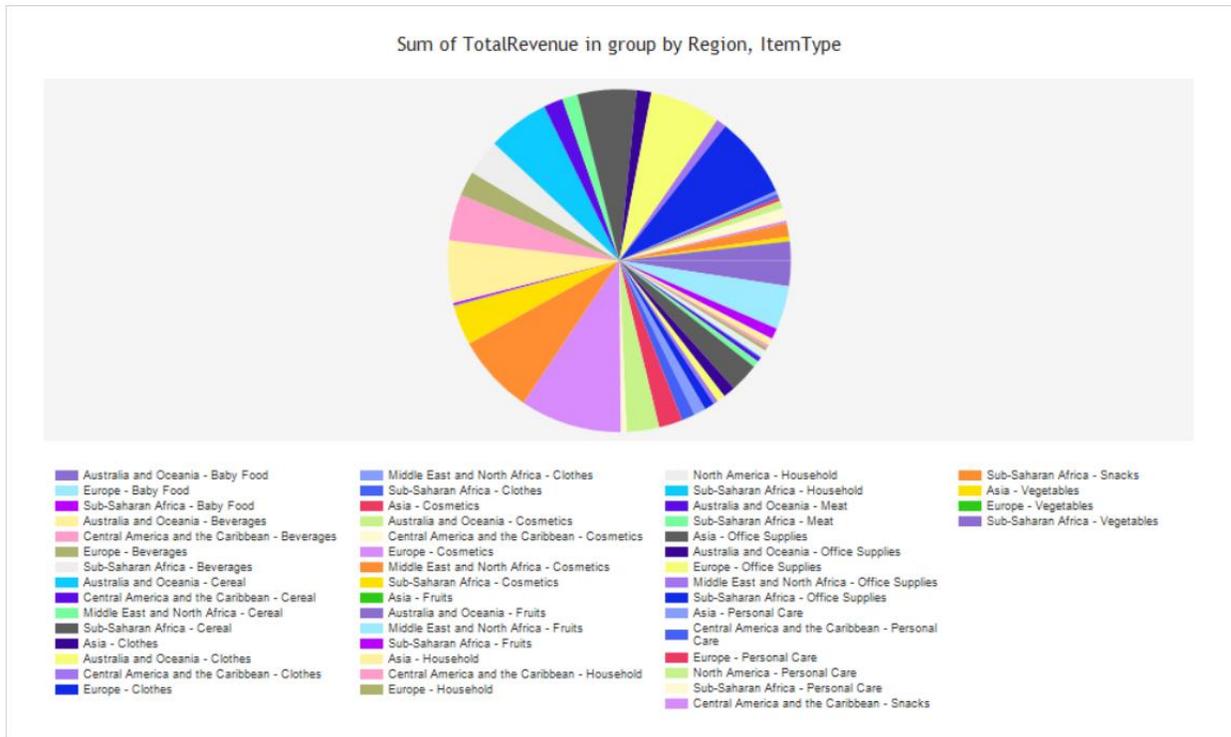
Bar

salesrec updated on 5-20-2024 3-22-28 PM



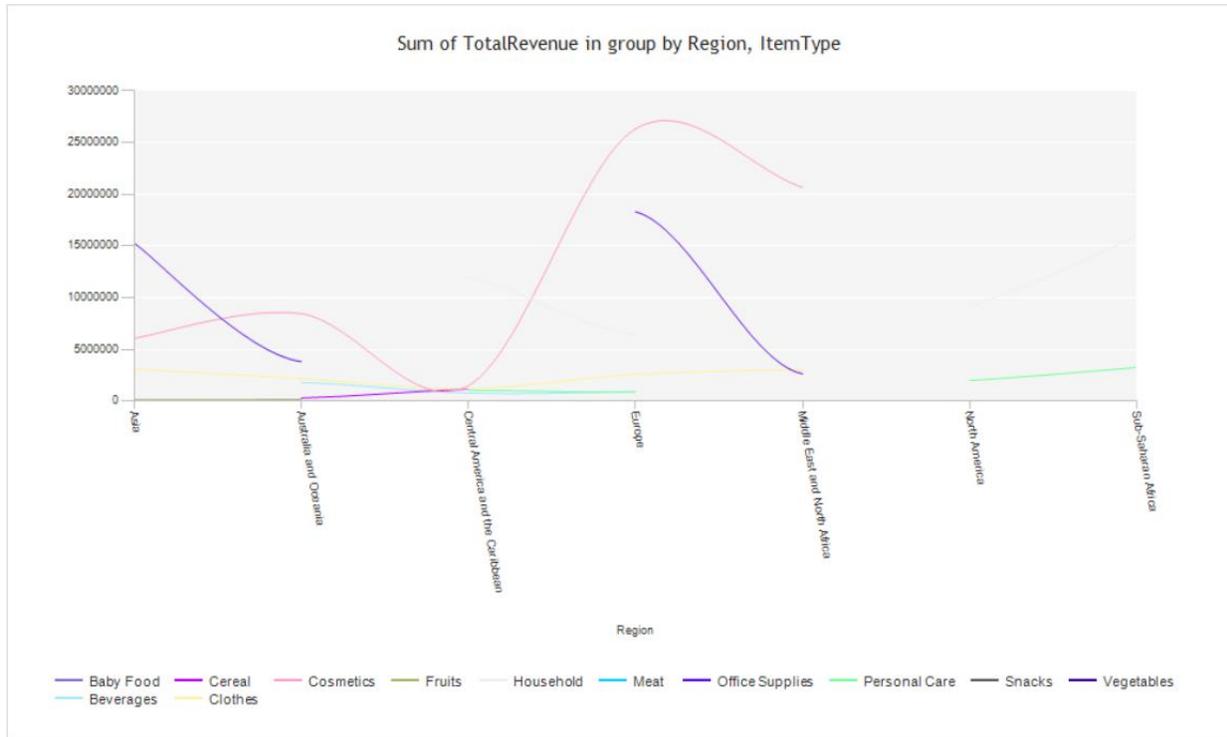
Pie

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Line

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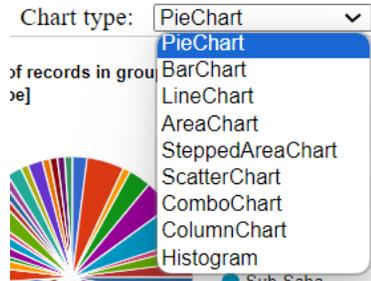
Detail Report

salesrec updated on 5-20-2024 3-22-28 PM - DrillDown

Region Asia							
Subtotals Of TotalRevenue For: Region Asia							
<u>Count</u>	<u>Sum</u>	<u>Max</u>	<u>Min</u>	<u>Avg</u>	<u>StDev</u>	<u>CntDist</u>	
22	42694173	5513230	19103.4	1,940,644.23	1,857,139.14	11	
Region Australia and Oceania							
Subtotals Of TotalRevenue For: Region Australia and Oceania							
<u>Count</u>	<u>Sum</u>	<u>Max</u>	<u>Min</u>	<u>Avg</u>	<u>StDev</u>	<u>CntDist</u>	
22	28188540	4220730	20404.7	1,281,297.27	1,315,860.66	11	
Region Central America and the Caribbean							
Subtotals Of TotalRevenue For: Region Central America and the Caribbean							
<u>Count</u>	<u>Sum</u>	<u>Max</u>	<u>Min</u>	<u>Avg</u>	<u>StDev</u>	<u>CntDist</u>	
14	18340780	5997060	339490	1,310,055.71	1,989,964.44	7	
Region Europe							
Subtotals Of TotalRevenue For: Region Europe							
<u>Count</u>	<u>Sum</u>	<u>Max</u>	<u>Min</u>	<u>Avg</u>	<u>StDev</u>	<u>CntDist</u>	
44	66737849.2	5396580	22312.3	1,516,769.30	1,530,592.92	22	
Region Middle East and North Africa							
Subtotals Of TotalRevenue For: Region Middle East and North Africa							
<u>Count</u>	<u>Sum</u>	<u>Max</u>	<u>Min</u>	<u>Avg</u>	<u>StDev</u>	<u>CntDist</u>	
20	28105406.1	4324780	4870.26	1,405,270.31	1,473,555.44	10	
Region North America							
Subtotals Of TotalRevenue For: Region North America							
<u>Count</u>	<u>Sum</u>	<u>Max</u>	<u>Min</u>	<u>Avg</u>	<u>StDev</u>	<u>CntDist</u>	
6	11286714	4647150	471337	1,881,119.00	2,142,692.15	3	
Region Sub-Saharan Africa							
Subtotals Of TotalRevenue For: Region Sub-Saharan Africa							
<u>Count</u>	<u>Sum</u>	<u>Max</u>	<u>Min</u>	<u>Avg</u>	<u>StDev</u>	<u>CntDist</u>	
72	79344029.6	3593380	54319.3	1,102,000.41	1,073,100.46	36	
Overall totals Of TotalRevenue							
<u>Count</u>	<u>Sum</u>	<u>Max</u>	<u>Min</u>	<u>Avg</u>	<u>StDev</u>	<u>CntDist</u>	
200	274697491.9	5997060	4870.26	1,373,487.46	1,456,355.70	100	

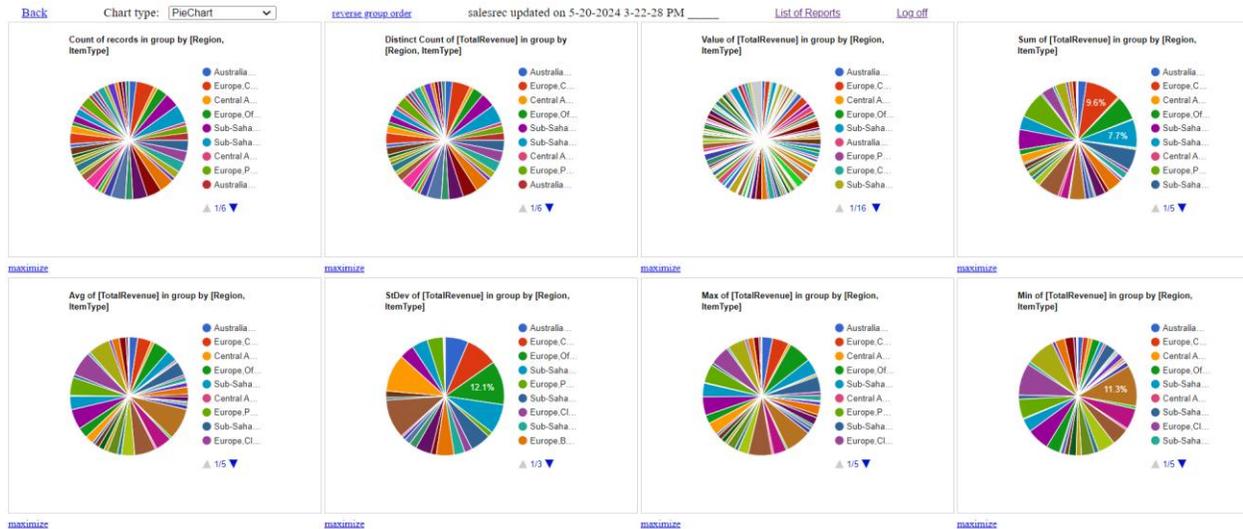
Stats Dashboard

This opens the analytics dashboard showing statistics for the chosen group from the analytics page. The chart type for the dashboard can be selected from the 'Chart type:' dropdown:

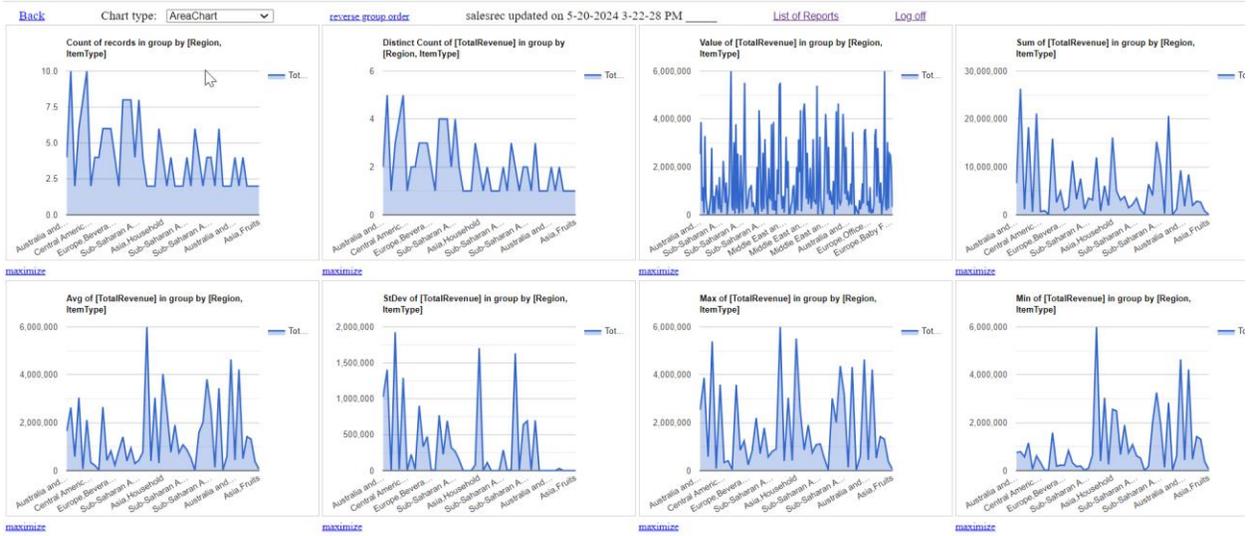


Here are examples of a few different chart types:

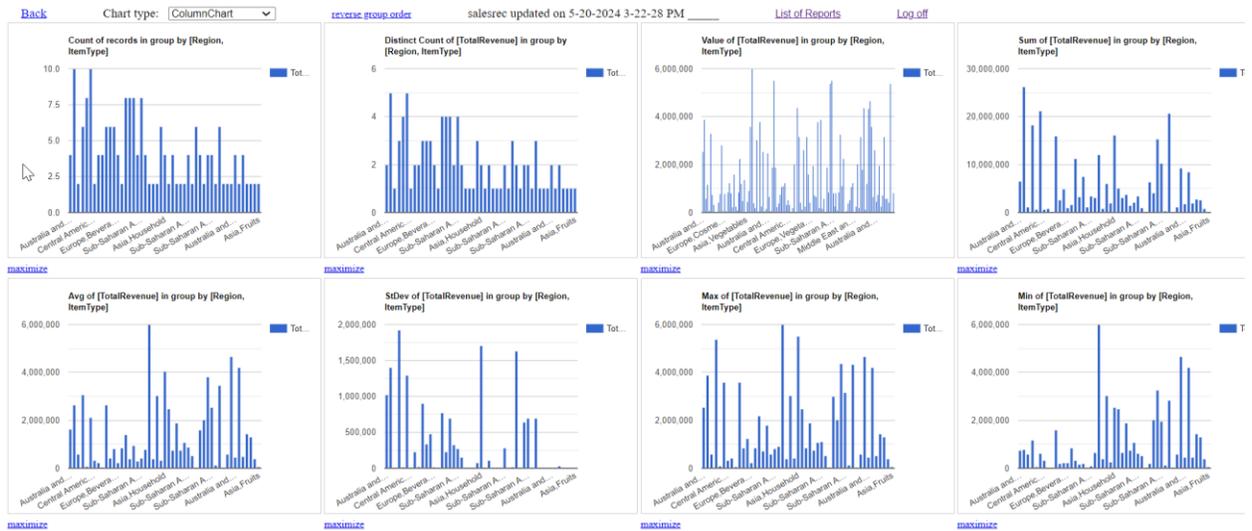
Pie Chart



Area Chart



Column Chart



Advanced - Matrix Balancing

salesrec updated on 5-20-2024 3-22-28 PM - Advanced Analytics - Matrix Balancing

Select Scenario: ▼

- Scenario 1a: Starting Matrix of aggregated field1 values to balance by manually entered sums by rows and sums by columns
- Scenario 1b: Starting Matrix of rows by group field for rows and selected columns from the multiple fields to balance by manually entered sums by rows and sums by columns
- Scenario 2a: Starting Matrix of aggregated field1 to balance for sums of rows and columns of the Target Matrix of the aggregated field2
- Scenario 2b: The starting value of field2 to get the Starting matrix of field1 values and target value of field2 to get Target matrix
- Scenario 2c: Get balancing coefficients for Starting Matrix of field1 for all iterations between starting and target values of the field2
- Scenario 3a: Get balancing coefficients for Starting Matrix of aggregated values of field1 and multiple Target Matrix of aggregated selected fields
- Scenario 3b: Starting Matrix as rows by matrix group field for rows and selected multiple columns to balance iterations from starting to target values of the field2
- Scenario 3c: Get balancing coefficients for Starting Matrix as rows by matrix group field for rows and columns from selected multiple fields, for all iterations between starting and target of the field2 values
- Scenario 4a: Starting Matrix of aggregated field1 to balance for sums of selected columns of the Target Matrix of the aggregated field2
- Scenario 4b: The starting value of field2 to get the Starting matrix of field1 values and target value of field2 to get Target matrix, and balance by sums of selected columns
- Scenario 4c: Starting Matrix of aggregated field1 to balance by manually entered sums by selected columns

to target(s)	Iterations and balancing of starting matrix			Matrix structure (rows, columns, items)		
Sums by rows and sums by columns (2-dimensional balancing):	Rows defined by values in group row field.	Columns defined by values in group column field. Starting matrix item is aggregated field1 value for row/column group.	Columns selected from the list of data columns. Starting matrix item is the value of the row/column item.			
Balance to sums by rows and sums by columns entered manually.	1a, 1b, 2a, 2b, 2c, 3a, 3b, 3c	Scenario 1a	Scenario 1b			
Balance to sums by rows and sums by columns of the target matrix. Target matrix item is aggregated field2 value for row/column group.	1a, 1b, 2a, 2b, 2c, 3a, 3b, 3c	Scenario 2a				
Multiple balancing to get balancing coefficients as multiple 2a scenarios for each selected field from the list of columns. Balance to sums by rows and sums by columns for target matrices. Target matrix item is aggregated selected field value for row/column group.	1a, 1b, 2a, 2b, 2c, 3a, 3b, 3c	Scenario 3a				
Field2 starting and target values used as condition on data to get starting and target matrices.	1a, 1b, 2a, 2b, 2c, 3a, 3b, 3c	Scenario 2b	Scenario 3b			
Multiple balancing to get balancing coefficients as multiple scenarios of the scenario in the row above. Field2 starting value used as condition on data to get starting matrix and set of target matrices defined by each value between starting and target values of field2.	1a, 1b, 2a, 2b, 2c, 3a, 3b, 3c	Scenario 2c	Scenario 3c			
Multidimensional balancing of sums by multiple selected columns:	Sums by selected columns entered manually. Starting matrix item is the aggregated field1 value for particular values in selected columns.	Starting matrix item is the aggregated field1 value for particular values in selected columns. Target matrix item is aggregated field2 value for particular values in selected columns.	Field2 starting and target values used as condition on data to get starting and target matrices of field1 aggregated values for particular values in selected columns.	Scenario 4a	Scenario 4b	Scenario 4c

See documentation at <https://oureports.net/Oureports/MatrixBalancing.pdf>

Example

- Choose scenario 2a

Select Scenario: ▼

- Scenario 1a: Starting Matrix of aggregated field1 values to balance by manually entered sums by rows and sums by columns
- Scenario 1b: Starting Matrix of rows by group field for rows and selected columns from the multiple fields to balance by manually entered sums by rows and sums by columns
- Scenario 2a: Starting Matrix of aggregated field1 to balance for sums of rows and columns of the Target Matrix of the aggregated field2
- Scenario 2b: The starting value of field2 to get the Starting matrix of field1 values and target value of field2 to get Target matrix
- Scenario 2c: Get balancing coefficients for Starting Matrix of field1 for all iterations between starting and target values of the field2
- Scenario 3a: Get balancing coefficients for Starting Matrix of aggregated values of field1 and multiple Target Matrix of aggregated selected fields
- Scenario 3b: Starting Matrix as rows by matrix group field for rows and selected multiple columns to balance iterations from starting to target values of the field2
- Scenario 3c: Get balancing coefficients for Starting Matrix as rows by matrix group field for rows and columns from selected multiple fields, for all iterations between starting and target of the field2 values
- Scenario 4a: Starting Matrix of aggregated field1 to balance for sums of selected columns of the Target Matrix of the aggregated field2
- Scenario 4b: The starting value of field2 to get the Starting matrix of field1 values and target value of field2 to get Target matrix, and balance by sums of selected columns
- Scenario 4c: Starting Matrix of aggregated field1 to balance by manually entered sums by selected columns

- The following screen appears:

salesrec updated on 5-20-2024 3-22-28 PM - Advanced Analytics - Matrix Balancing

Select Scenario: ▼

Scenario 2a: Starting Matrix of aggregated field1 to balance for sums of rows and columns of the Target Matrix of the aggregated field2

Matrix rows by: Region ▼

Columns by: ItemType ▼

Matrix items by field1: TotalRevenue ▼

aggregation function: Sum ▼

Iterations by the field2: TotalCost ▼

aggregation function: Sum ▼

Steps:

Precision:

adjust by start matrix

Partial rows/columns:

(2a) Balancing matrix of field1 for the sums by rows and by columns of the matrix of field2

- Press the '(2a) Balancing matrix of field1 for the sums by rows and by columns of the matrix of field2' button.

salesrec updated on 5-20-2024 3:22:28 PM - Advanced Analytics - Matrix Balancing

Select Scenario: (2a) Starting Matrix of aggregated field1 to balance for sums of rows and columns of the Target Matrix of the aggregated field2

Scenario 2a: Starting Matrix of aggregated field1 to balance for sums of rows and columns of the Target Matrix of the aggregated field2

Matrix rows by: Region
Columns by: Item Type

Matrix items by field1: TotalRevenue
aggregation function: Sum

Iterations by field2: TotalCase
aggregation function: Sum

Steps: 100
Precision: 1
 adjust by start matrix
Pivot: maximum

(2a) Balancing matrix of field1 for the sums by rows and by columns of the matrix of field2

Balancing for sum of rows and columns of the starting matrix for sum values of the field1 'TotalRevenue' and the target matrix for sum values of the field2 'TotalCost'.
Balance: precision: 0.40553, steps: 18, maximum difference of cells in balancing and target matrices = 734890.35, maximum difference of cells in balancing and starting matrices = 10369170.08

Starting Matrix of Sum of TotalRevenue												
Region	Baby Food	Beverages	Cereal	Clothes	Cosmetics	Fruits	Household	Meat	Office Supplies	Personal Care	Snacks	Vegetables
Asia	42634173	3162028	0	0	0	8078820	1694242	16145400	0	15281790	801118	0
Australia and Oceania	29185840	0	0	0	0	0	0	0	0	0	0	0
Central America and the Caribbean	16348780	0	77404	115358	1201942	1490382	0	1164120	0	1047618	87860	0
Europe	68277842	0	1827676	825502	0	2878510	2817438	0	0	18303900	373398	0
Middle East and North Africa	26105406.1	0	0	0	0	0	0	0	0	2832200	0	0
North America	11297114	0	0	0	0	0	0	0	0	192444	0	0
Sub-Saharan Africa	79344829.8	283200	1886000	7540140	3470733.2	10223480	581676.4	1503900	4022300	2155618	3247266	3482478
Total: 274897491.9	23802670	3381580	10645798	12472565.2	73202288	832962.7	58778424	9007360	61170758	7961810.6	4164586	6718107.4

Target Matrix of Sum of TotalCost												
Region	Baby Food	Beverages	Cereal	Clothes	Cosmetics	Fruits	Household	Meat	Office Supplies	Personal Care	Snacks	Vegetables
Asia	30465501.8	3517354	0	0	0	3091340	88735.2	12141380	0	12332080	555480	0
Australia and Oceania	18744202.4	0	0	0	0	0	0	0	0	0	0	0
Central America and the Caribbean	12648946	0	518558	658752	384066	887658	0	0	0	9016580	0	0
Europe	44571978.4	7042214	822085	0	0	844876.8	15524268	0	0	4819352	0	0
Middle East and North Africa	8378822	0	0	0	0	0	0	0	0	2121880	0	0
North America	8378822	0	0	0	0	0	0	0	0	6689320	0	0
Sub-Saharan Africa	54977666.8	1772432	1371800	4202778	1388277.8	8157720	431351	11684580	3876900	1702242	229314	2223970
Total: 186361142.8	13844710	3605482	8680890	4890588.4	44809844	891972	44954212	7786140	49311590	5820567.8	2657578	3646474.6

Balancing coefficients																						
Steps	k1	k2	k3	k4	k5	k6	k7	k8	k9	k10	k11	k12	Precision									
1	1.05195	0.88215	1.01841	0.88444	0.86971	1.00214	1.02134	0.88953	0.88931	0.84283	0.46940	0.82184	1.08911	1.07014	1.27802	1.17785	0.86482	0.82330	0.84712	1.97879	0.462371	
2	0.83897	1.02282	1.00746	1.01797	1.11649	0.84778	0.88844	0.89514	0.86230	0.86034	0.86897	0.898	1.00129	1.02338	0.86287	1.0087	1.02184	1.01784	1.02095	1.02027	1.94568	
3	0.86028	0.8184	0.888	1.00711	1.02350	0.8788	0.89955	0.89512	0.86851	1.00090	0.89190	0.89870	1.01010	0.88481	1.00021	1.01021	1.00821	1.0084	1.00147	1.00147	3.42447	
4	0.9972	1.00480	0.89051	1.00281	1.00720	0.86004	0.89846	0.89776	0.86639	1.00050	0.89786	0.89891	1.00062	1.00383	0.89700	0.8987	1.00402	1.00148	1.00148	1.00148	0.22125	
5	0.86011	1.00187	0.89724	1.00121	1.00240	0.86190	0.89846	0.89910	0.86144	1.00044	0.89840	0.89891	1.00144	0.89840	1.00152	1.0009	1.00091	1.00091	1.00091	1.00091	0.23377	
6	0.86011	1.00187	0.89724	1.00121	1.00240	0.86190	0.89846	0.89910	0.86144	1.00044	0.89840	0.89891	1.00144	0.89840	1.00152	1.0009	1.00091	1.00091	1.00091	1.00091	0.23377	
7	0.86011	1.00187	0.89724	1.00121	1.00240	0.86190	0.89846	0.89910	0.86144	1.00044	0.89840	0.89891	1.00144	0.89840	1.00152	1.0009	1.00091	1.00091	1.00091	1.00091	0.23377	
8	0.86011	1.00187	0.89724	1.00121	1.00240	0.86190	0.89846	0.89910	0.86144	1.00044	0.89840	0.89891	1.00144	0.89840	1.00152	1.0009	1.00091	1.00091	1.00091	1.00091	0.23377	
9	0.86011	1.00187	0.89724	1.00121	1.00240	0.86190	0.89846	0.89910	0.86144	1.00044	0.89840	0.89891	1.00144	0.89840	1.00152	1.0009	1.00091	1.00091	1.00091	1.00091	0.23377	
10	0.86011	1.00187	0.89724	1.00121	1.00240	0.86190	0.89846	0.89910	0.86144	1.00044	0.89840	0.89891	1.00144	0.89840	1.00152	1.0009	1.00091	1.00091	1.00091	1.00091	0.23377	
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Result	0.973761	1.02282	0.99722	1.01407	1.00676	0.864781	1.00365	0.85985	0.87699	0.83587	0.479	0.88092	1.08967	1.11069	1.29639	1.18749	1.02233	0.83888	0.87171	0.40353		

Balancing Matrix of Sum of TotalCost												
Region	Baby Food	Beverages	Cereal	Clothes	Cosmetics	Fruits	Household	Meat	Office Supplies	Personal Care	Snacks	Vegetables
Asia	30465501.8	3517354	0	0	0	3091340	88735.2	12141380	0	12332080	555480	0
Australia and Oceania	18744202.4	0	0	0	0	0	0	0	0	0	0	0
Central America and the Caribbean	12648946	0	518558	658752	384066	887658	0	0	0	9016580	0	0
Europe	44571978.4	7042214	822085	0	0	844876.8	15524268	0	0	4819352	0	0
Middle East and North Africa	8378822	0	0	0	0	0	0	0	0	2121880	0	0
North America	8378822	0	0	0	0	0	0	0	0	6689320	0	0
Sub-Saharan Africa	54977666.8	1772432	1371800	4202778	1388277.8	8157720	431351	11684580	3876900	1702242	229314	2223970
Total: 186361142.8	13844710	3605482	8680890	4890588.4	44809844	891972	44954212	7786140	49311590	5820567.8	2657578	3646474.6

Charts

See documentation at <https://oureports.net/OURports/GoogleChartsAndDashboards.pdf>

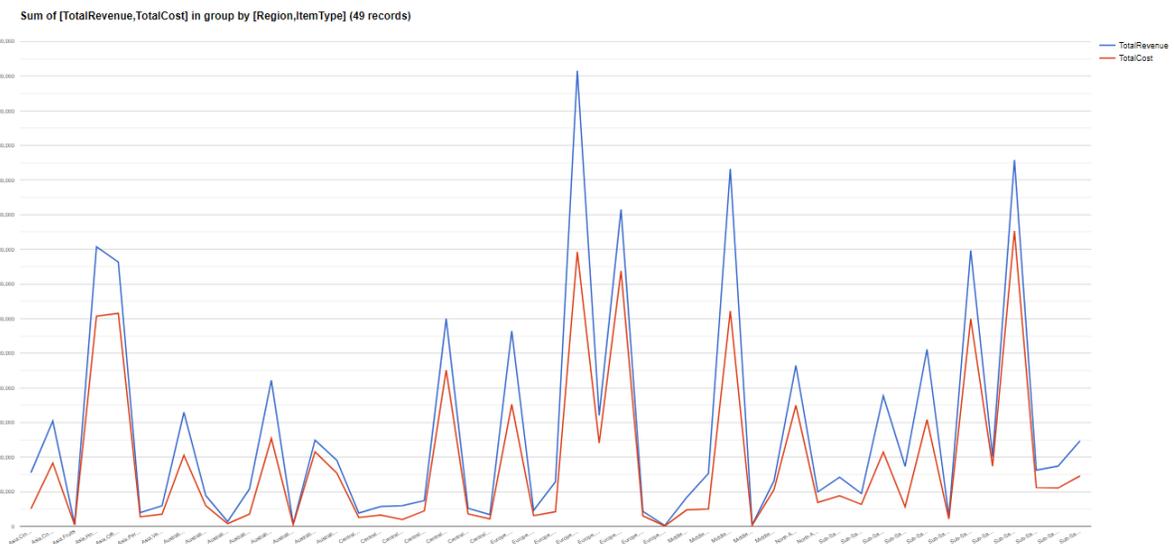
Example with two field aggregation functions

- Click the 'charts link and a line chart with two lines is displayed:

salesrec updated on 6-20-2024 3-22-29 PM: --- Sum of [TotalRevenue,TotalCost] in group by [Region,ItemType] (49 records) ---

Chart type:
X Axis: Y Axis: Aggregation function:

* PieChart shows data for the one first selected field from the Y Axis list.
* BubbleChart, Gauge, Sankey show data for two selected fields from the X Axis list and one selected field from the Y Axis list.



- Choose 'AreaChart' from the 'Chart type: dropdown and press the 'show chart' button

Chart type:
X Axis: Y Axis: Aggregation function:

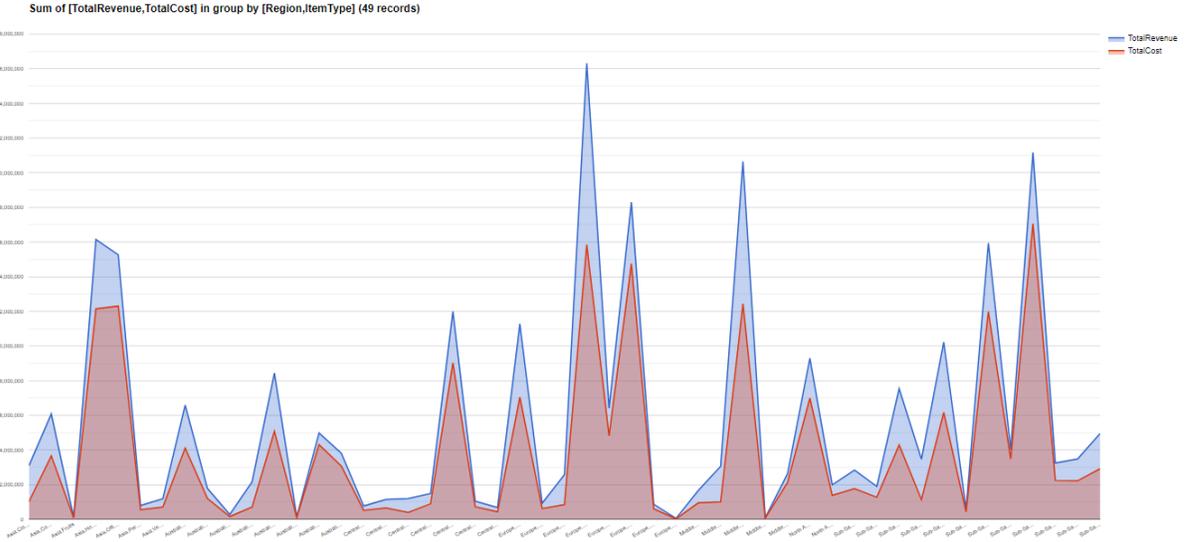
* PieChart shows data for the one first selected field from the Y Axis list.
* BubbleChart, Gauge, Sankey show data for two selected fields from the X Axis list and one selected field from the Y Axis list.

The screenshot shows the configuration interface with 'AreaChart' selected in the 'Chart type' dropdown. A red arrow points to the 'show chart' button.

salesrc: updated on 6-20-2024 8:22:29 PM: -- Sum of [TotalRevenue, TotalCost] in group by [Region, ItemType] (49 records) --

Chart type:
 X Axis: Y Axis: Aggregation function:

* Pie Chart shows data for the one first selected field from the Y Axis list.
* Bubble Chart, Gauge, Sankey show data for two selected fields from the X Axis list and one selected field from the Y Axis list.



- Add another line to the line chart and press the 'show chart' button:

Chart type:
 X Axis: Y Axis: Aggregation function: 

* Pie Chart shows data for the one first selected field from the Y Axis list.
* Bubble Chart, Gauge, Sankey show data for two selected fields from the X Axis list and one selected field from the Y Axis list.

- UnitsSold
- UnitPrice
- UnitCost
- TotalRevenue
- TotalCost
- TotalProfit
- Indx
- Indx0

salesrec updated on 6-20-2024 3-22-28 PM: -- Sum of [TotalRevenue,TotalCost,TotalProfit] in group by [Region,ItemType] (49 records) --

Chart type:
 X Axis: Y Axis: Aggregation function:

* Plot chart shows data for the one first selected field from the Y Axis list.
* Bubble chart, Gauge, Sankey show data for two selected fields from the X Axis list and one selected field from the Y Axis list.

Sum of [TotalRevenue,TotalCost,TotalProfit] in group by [Region,ItemType] (49 records)

