

Super Market Sales Analysis

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About Dataset

- The growth of supermarkets in most populated cities is increasing and market competitions are also high.
- The dataset is one of the historical sales of supermarket company which has recorded in 3 different branches for 3 months data.
- Here is the image of dataset window in kaggle.com website.

The screenshot shows the Kaggle dataset page for 'Supermarket sales'. The page title is 'Supermarket sales' with a subtitle 'Historical record of sales data in 3 different supermarkets'. It indicates the dataset was updated 4 years ago, has 1053 votes, and a download size of 37 MB. A preview table shows columns: date, time, store, product, sales, and customer. The 'About Dataset' section includes a context paragraph and attribute information. Metadata shows a usability score of 8.82, a license of 'Other (specified in description)', and an expected update frequency of 'Not specified'.

Supermarket sales
Historical record of sales data in 3 different supermarkets

Updated 4 years ago | 1053 votes | Download (37 MB)

date	time	store	product	sales	customer
2018-01-01	10:00	1	apple	100	100
2018-01-01	10:05	1	banana	50	50
2018-01-01	10:10	1	orange	20	20
2018-01-01	10:15	1	grape	10	10
2018-01-01	10:20	1	pear	5	5

About Dataset

Context

The growth of supermarkets in most populated cities are increasing and market competitions are also high. The dataset is one of the historical sales of supermarket company which has recorded in 3 different branches for 3 months data. Predictive data analytics methods are easy to apply with this dataset.

Attribute information

Usability 8.82

License Other (specified in description)

Expected update frequency Not specified

Content

My content

Team content

Samples

supermarket_sales - Sheet1.csv

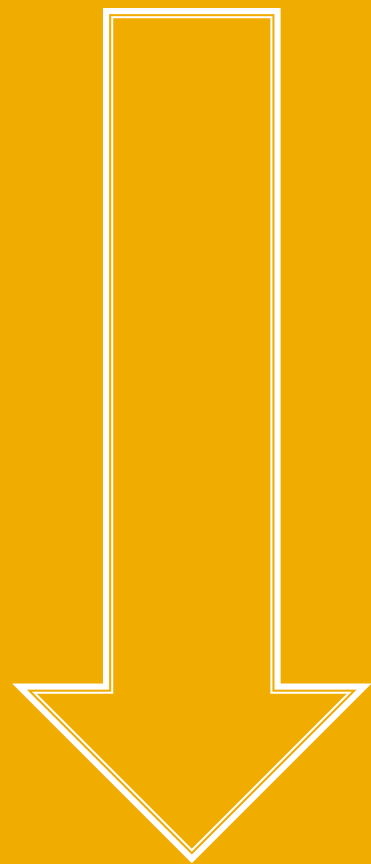
Last Accessed
4/21/2023, 7:08 AM

CSV



Uploading data set to Cognos Data Analytics

- Here are snapshots of how I upload .csv files to my Cognos data analytics
- Downloaded .csv file from kaggle is uploaded using the upload feature on the cognos website.



Below are
the
Snapshots

Delete the unnecessary columns

- ❑ Removal of unnecessary columns are done here and they have been saved as another data module .
- ❑ You can see that few columns are not displayed as they have been removed .

+ ⓘ

+

- ▶  supermarke...heet1.csv




Custom tables

↑↓	Invoice ID	Branch	City	Customer type	Gender	Product line	Unit price
	750-67-8428	A	Yangon	Member	Female	Health and beauty	74.69
	226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories	15.28
	631-41-3108	A	Yangon	Normal	Male	Home and lifestyle	46.33
	123-19-1176	A	Yangon	Member	Male	Health and beauty	58.22
	373-73-7910	A	Yangon	Normal	Male	Sports and travel	86.31
	699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories	85.39
	355-53-5943	A	Yangon	Member	Female	Electronic accessories	68.84
	315-22-5665	C	Naypyitaw	Normal	Female	Home and lifestyle	73.56
	665-32-9167	A	Yangon	Member	Female	Health and beauty	36.26
	692-92-5582	B	Mandalay	Member	Female	Food and beverages	54.84
	351-62-0822	B	Mandalay	Member	Female	Fashion accessories	14.48
	529-56-3974	B	Mandalay	Member	Male	Electronic accessories	25.51
	365-64-0515	A	Yangon	Normal	Female	Electronic accessories	46.95
	252-56-2699	A	Yangon	Normal	Male	Food and beverages	43.19

Data module +

Search

- final_data_module
 - Navigation paths +
 - final_data_module_csv
 - supermarke...heet1.csv

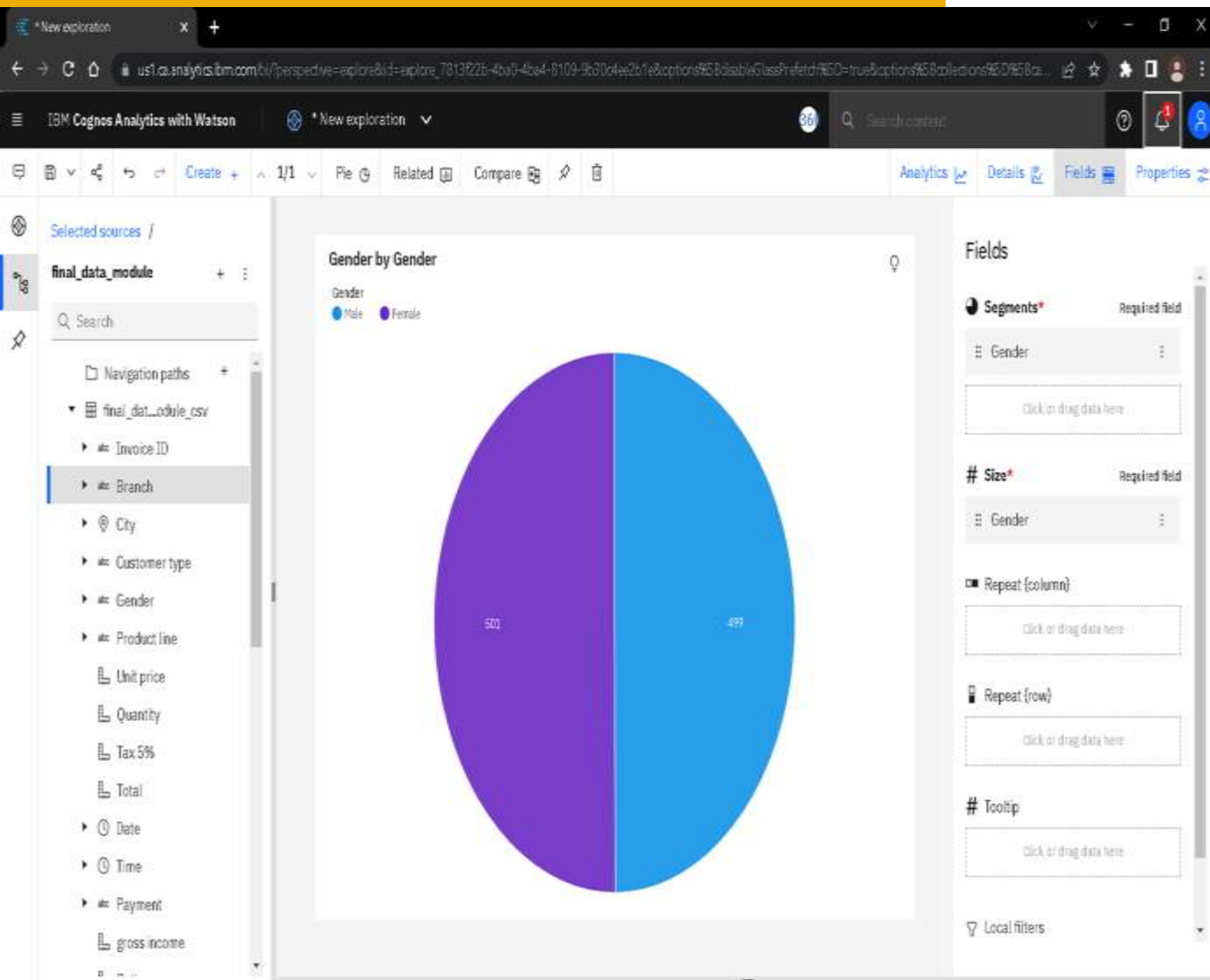
 Grid	 Relationships	 Custom tables					
↑↓	Quantity	Tax 5%	Total	Date	Time	Payment	gross income
	7	26.1415	548.9715	2019-01-05	13:08:00	Ewallet	26.1415
	5	3.82	80.22	2019-03-08	10:29:00	Cash	3.82
	7	16.2155	340.5255	2019-03-03	13:23:00	Credit card	16.2155
	8	23.288	489.048	2019-01-27	20:33:00	Ewallet	23.288
	7	30.2085	634.3785	2019-02-08	10:37:00	Ewallet	30.2085
	7	29.8865	627.6165	2019-03-25	18:30:00	Ewallet	29.8865
	6	20.652	433.692	2019-02-25	14:36:00	Ewallet	20.652
	10	36.78	772.38	2019-02-24	11:38:00	Ewallet	36.78
	2	3.626	76.146	2019-01-10	17:15:00	Credit card	3.626
	3	8.226	172.746	2019-02-20	13:27:00	Credit card	8.226
	4	2.896	60.816	2019-02-06	18:07:00	Ewallet	2.896
	4	5.102	107.142	2019-03-09	17:03:00	Cash	5.102
	5	11.7375	246.4875	2019-02-12	10:25:00	Ewallet	11.7375
	10	21.595	453.495	2019-02-07	16:48:00	Ewallet	21.595

Data module +

Search

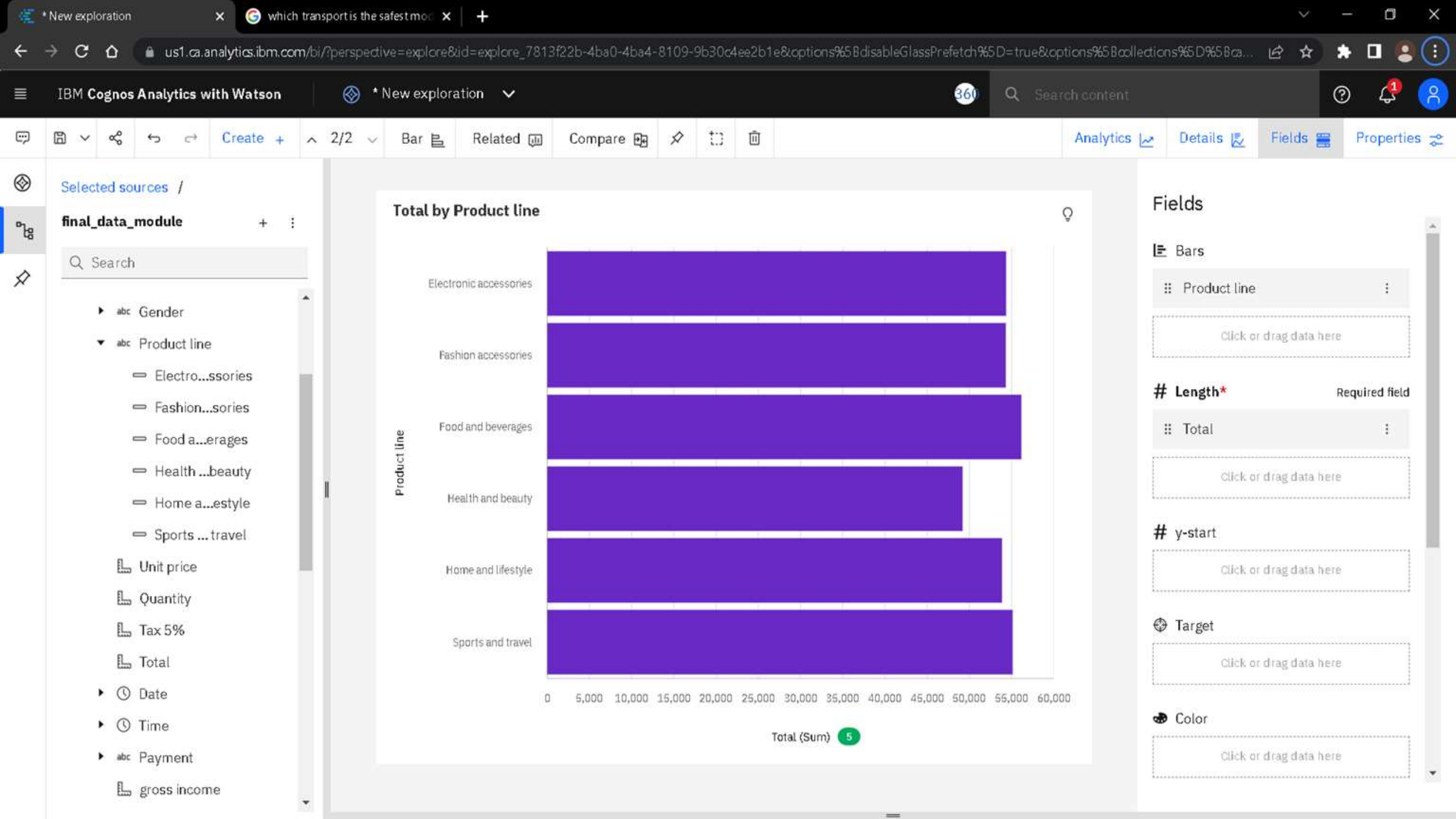
- final_data_module
 - Navigation paths +
 - final_data_module_csv
 - supermarke...heet1.csv

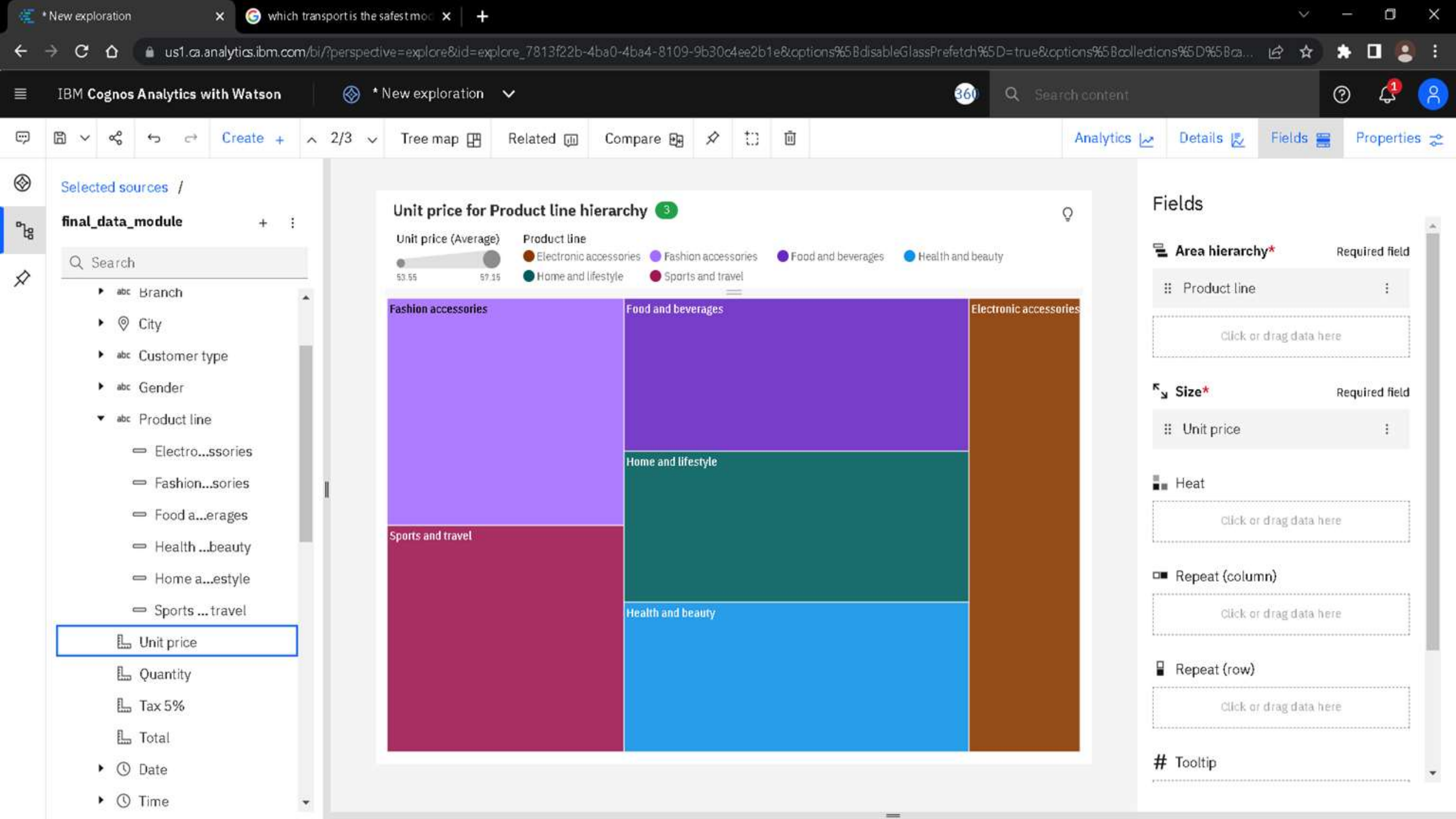
	Total	Date	Time	Payment	gross income	Rating
i	548.9715	2019-01-05	13:08:00	Ewallet	26.1415	9.1
	80.22	2019-03-08	10:29:00	Cash	3.82	9.6
i	340.5255	2019-03-03	13:23:00	Credit card	16.2155	7.4
	489.048	2019-01-27	20:33:00	Ewallet	23.288	8.4
i	634.3785	2019-02-08	10:37:00	Ewallet	30.2085	5.3
i	627.6165	2019-03-25	18:30:00	Ewallet	29.8865	4.1
	433.692	2019-02-25	14:36:00	Ewallet	20.652	5.8
	772.38	2019-02-24	11:38:00	Ewallet	36.78	8
	76.146	2019-01-10	17:15:00	Credit card	3.626	7.2
	172.746	2019-02-20	13:27:00	Credit card	8.226	5.9
	60.816	2019-02-06	18:07:00	Ewallet	2.896	4.5
	107.142	2019-03-09	17:03:00	Cash	5.102	6.8
i	246.4875	2019-02-12	10:25:00	Ewallet	11.7375	7.1
	453.495	2019-02-07	16:48:00	Ewallet	21.595	8.2




Analysis of Gender by Gender in a Pie Chart Representation

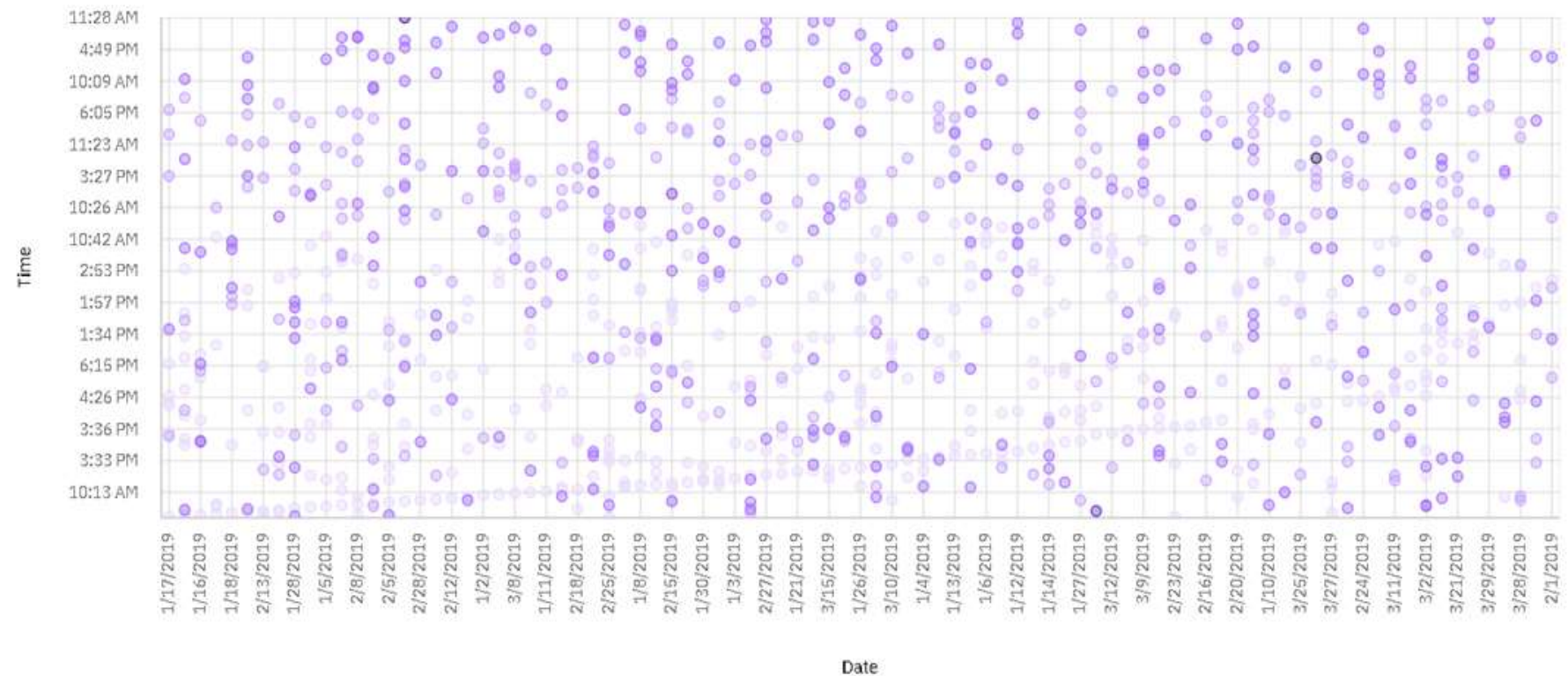
- The diagram is a Pie Chart representation of Genders of two kinds.
- Hence it has two colours.

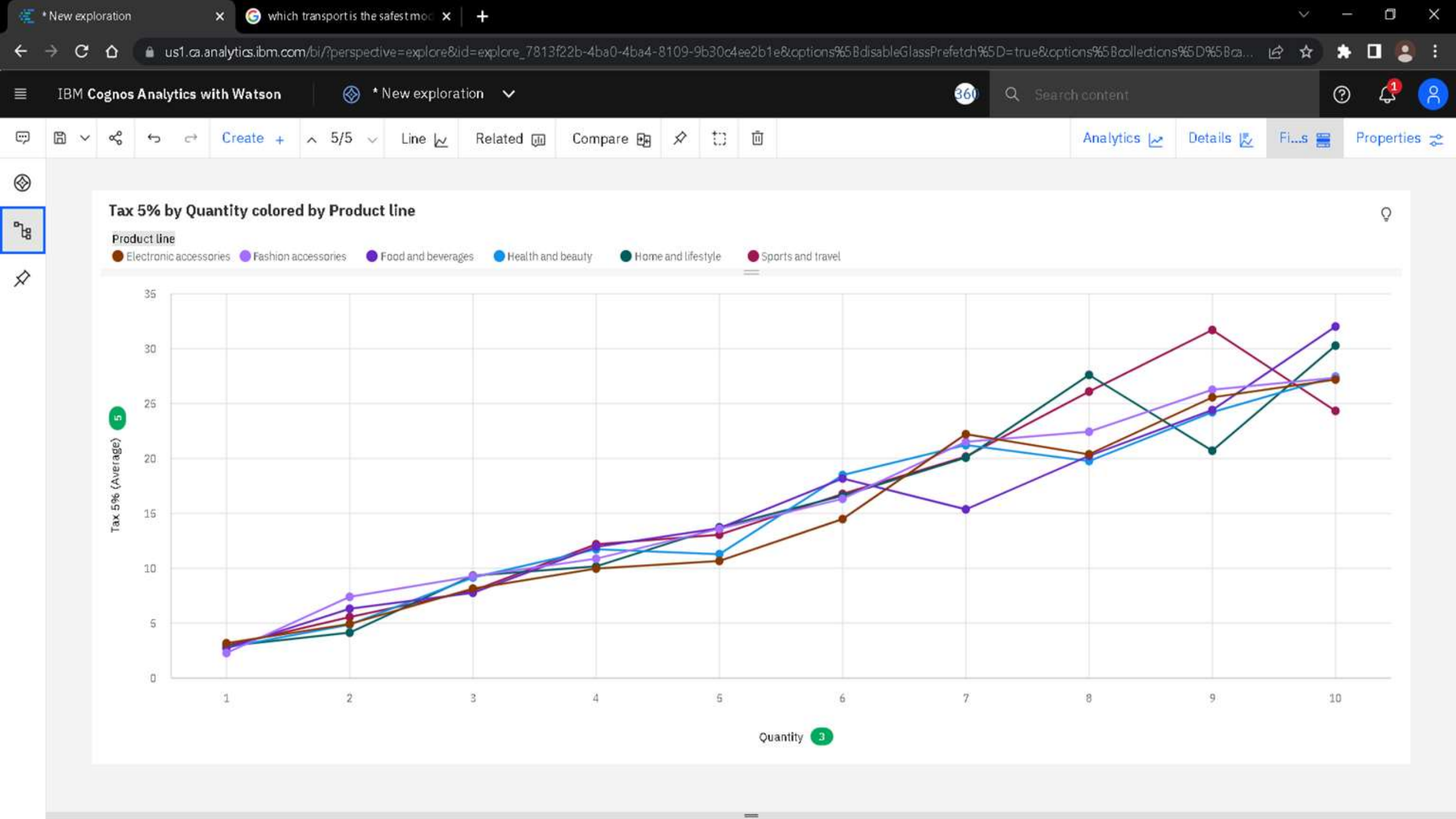


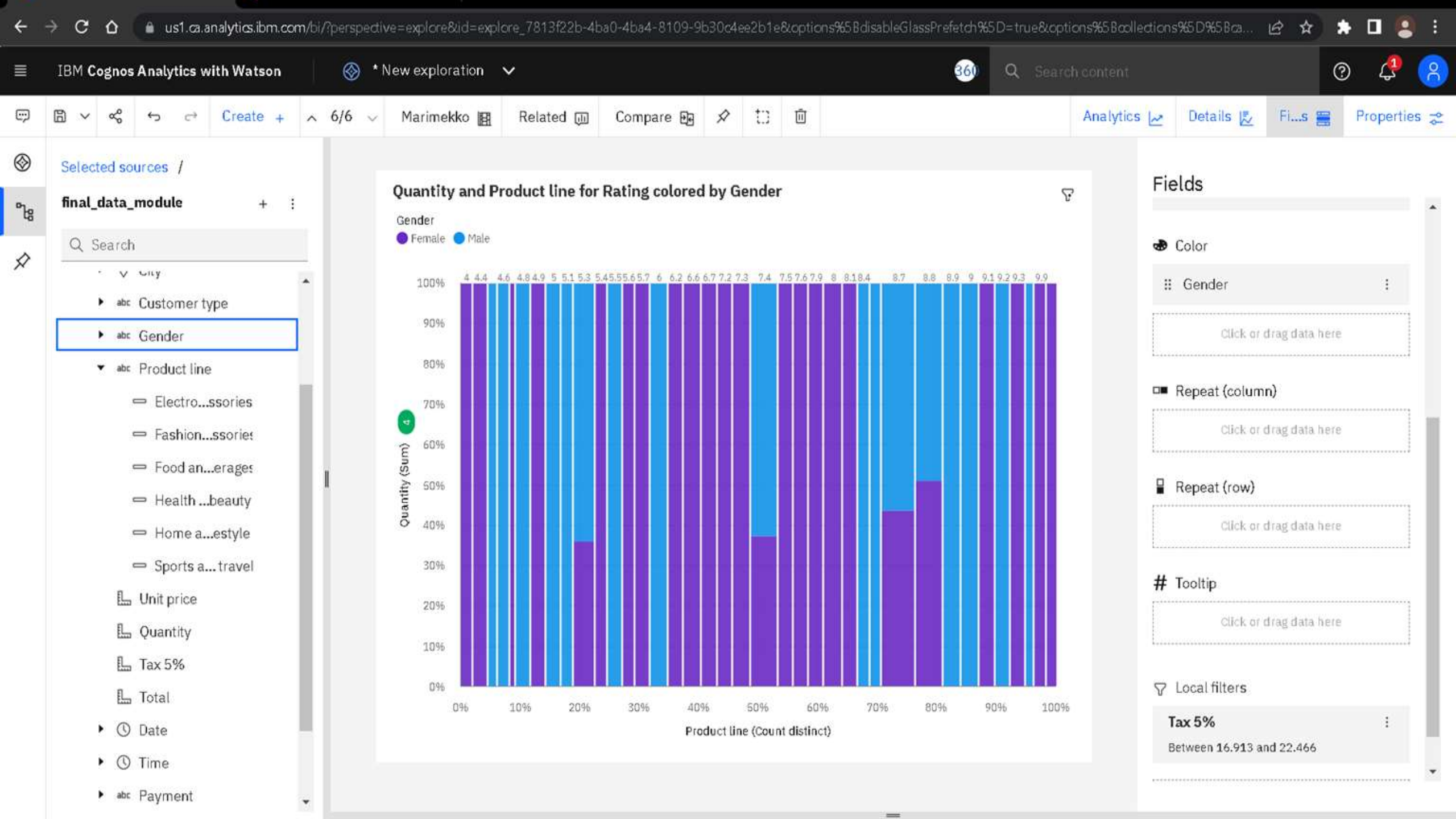


Q Search

▶  supermar...eet1.csv







Conclusion

- Data Analysis for Supermarket is done successfully by uploading the dataset to Cognos Analytics, deleting the unnecessary columns, creating a data module, exploring and visualization of the dataset.