

# 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 includes a search bar, a sidebar with navigation icons, and a main content area. The dataset is titled 'Supermarket sales' and is described as 'Historical record of sales data in 3 different supermarkets'. It has 1053 votes, a 'New Notebook' button, and a 'Download (37 MB)' button. A preview of the dataset is shown as a table with columns: Date, Time, Store, Product, Sales, and Customer. The 'About Dataset' section provides 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.' The 'Attribute information' section is also visible. The 'Usability' score is 8.82, the 'License' is 'Other (specified in description)', and the 'Expected update frequency' is 'Not specified'.

Search

1053 New Notebook Download (37 MB)

## Supermarket sales

Historical record of sales data in 3 different supermarkets

Data Card Code (233) Discussion (22)

### 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

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## Content

My content

Team content

Samples

supermarket\_sales - Sheet1.csv

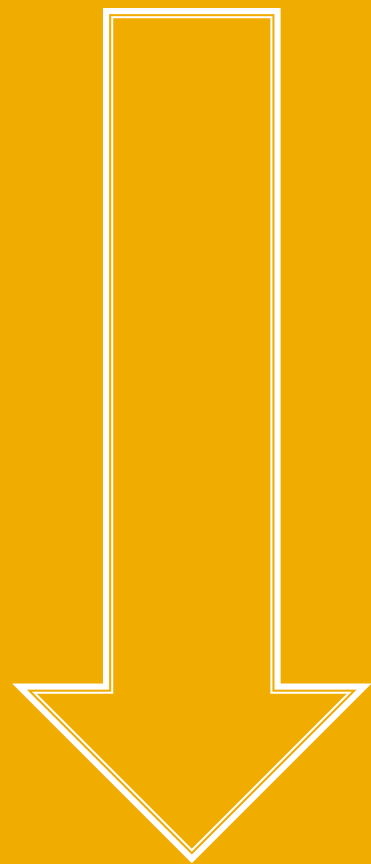
Last Accessed  
4/21/2023, 7:08 AM

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 .



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	

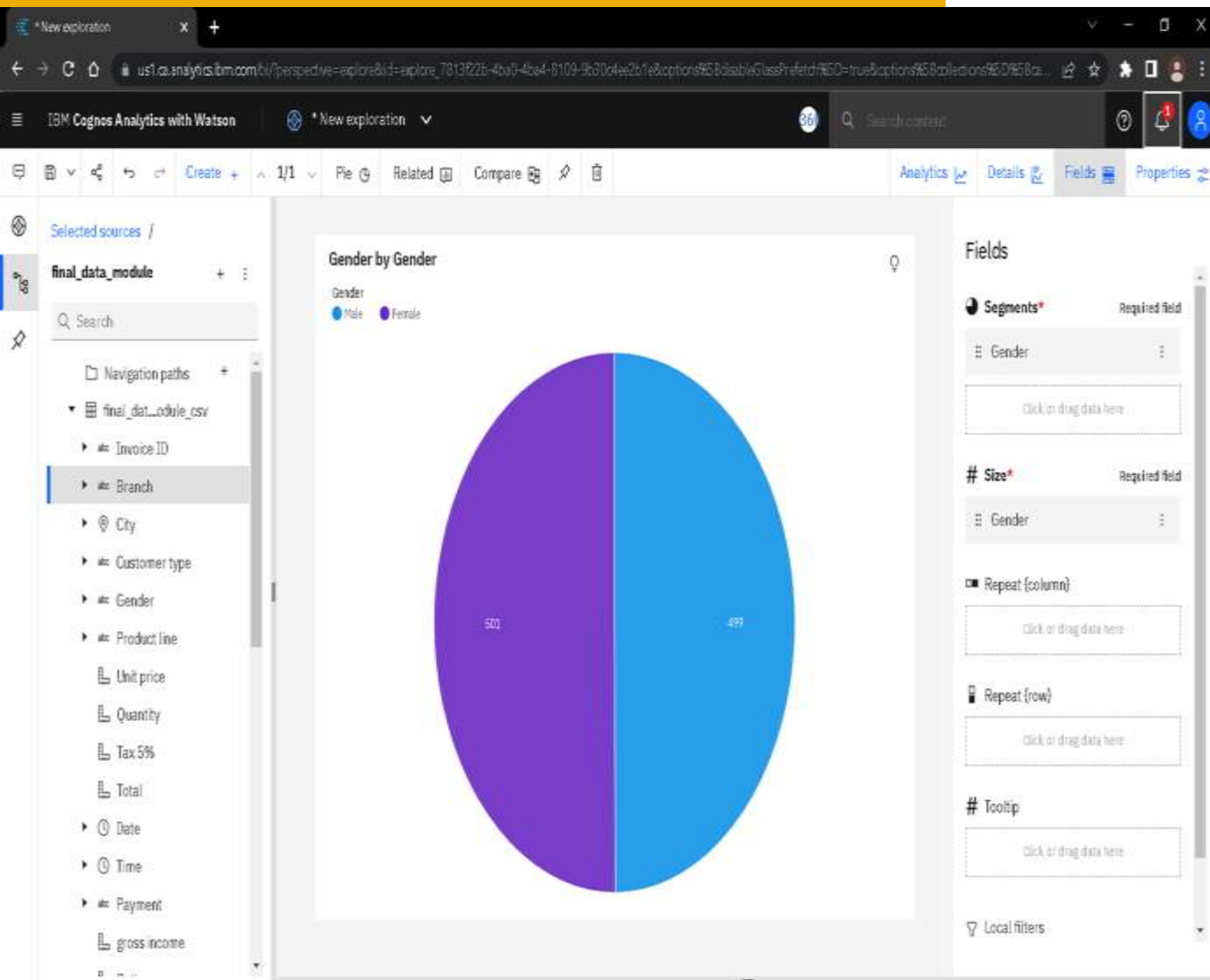
Data module +

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

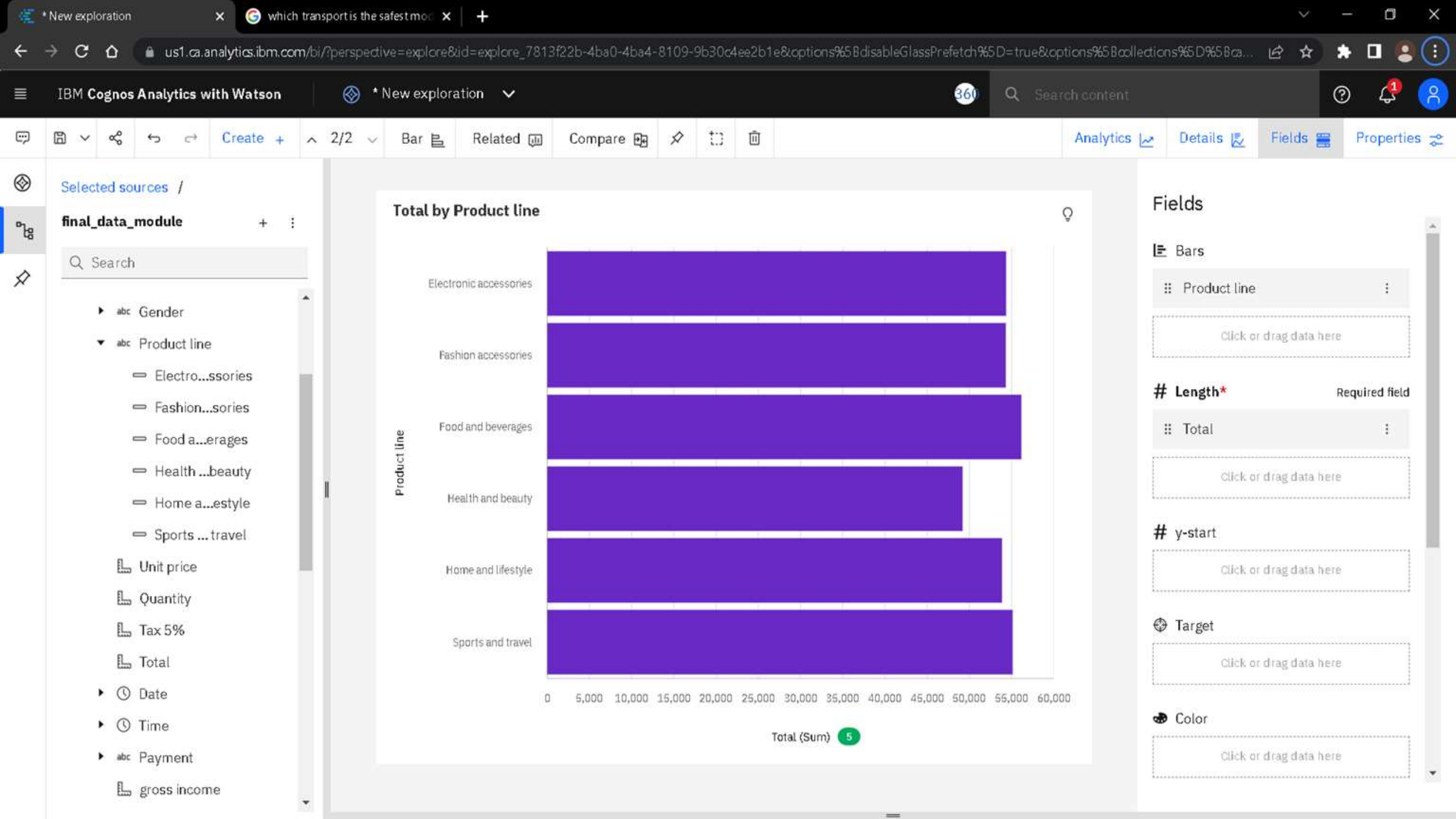


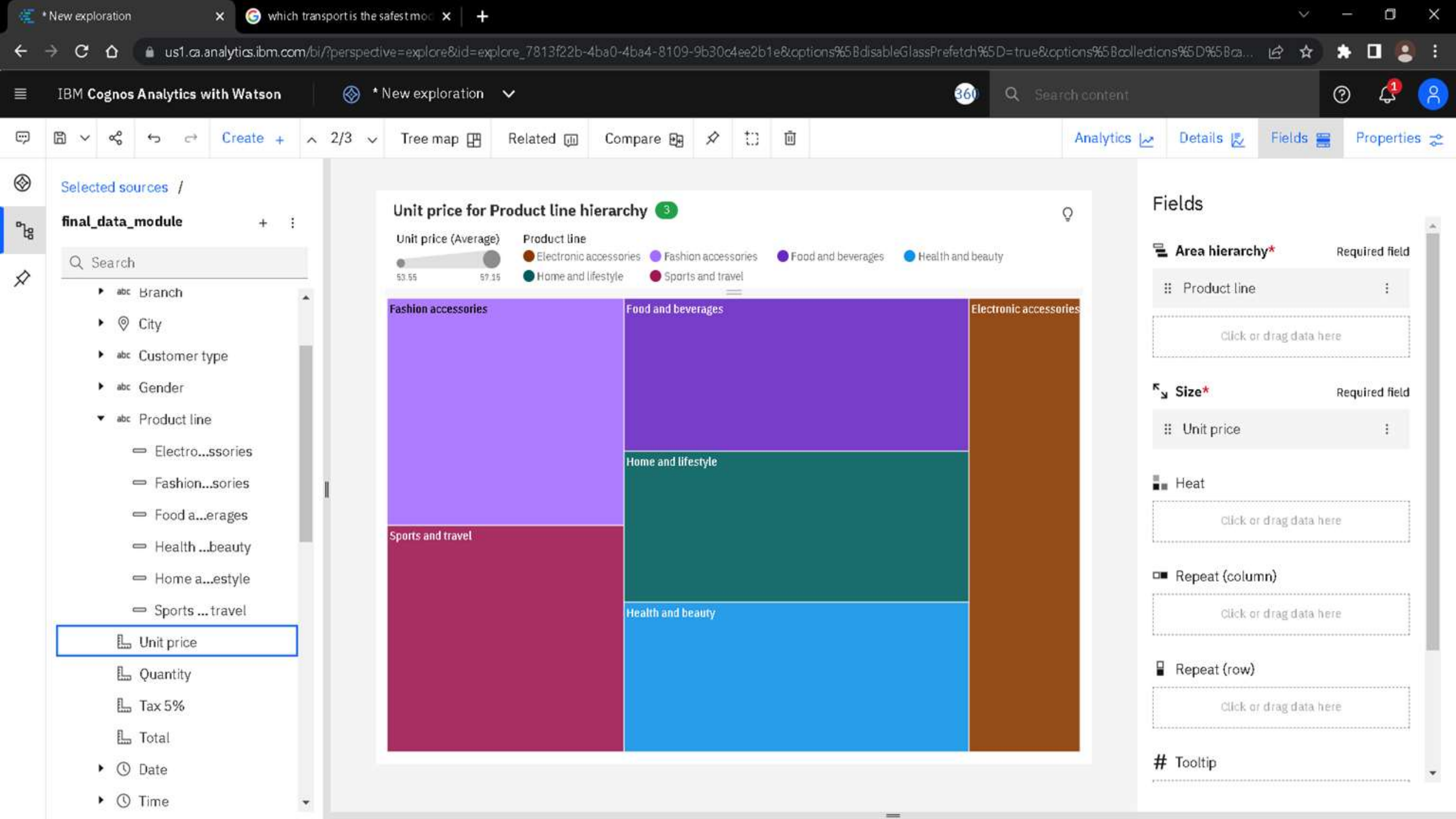


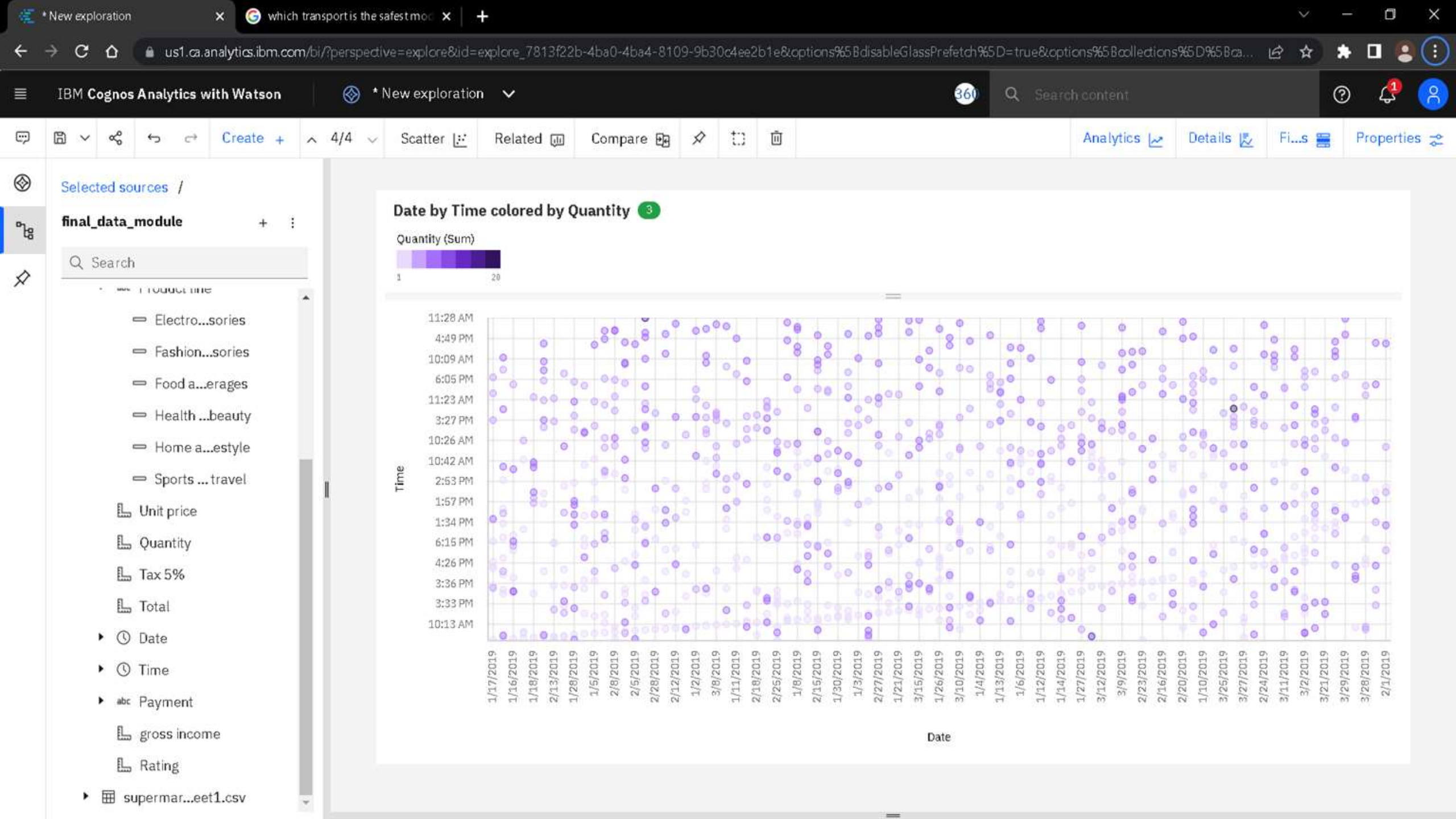
# Analysis of Gender by Gender in a Pie Chart Representation

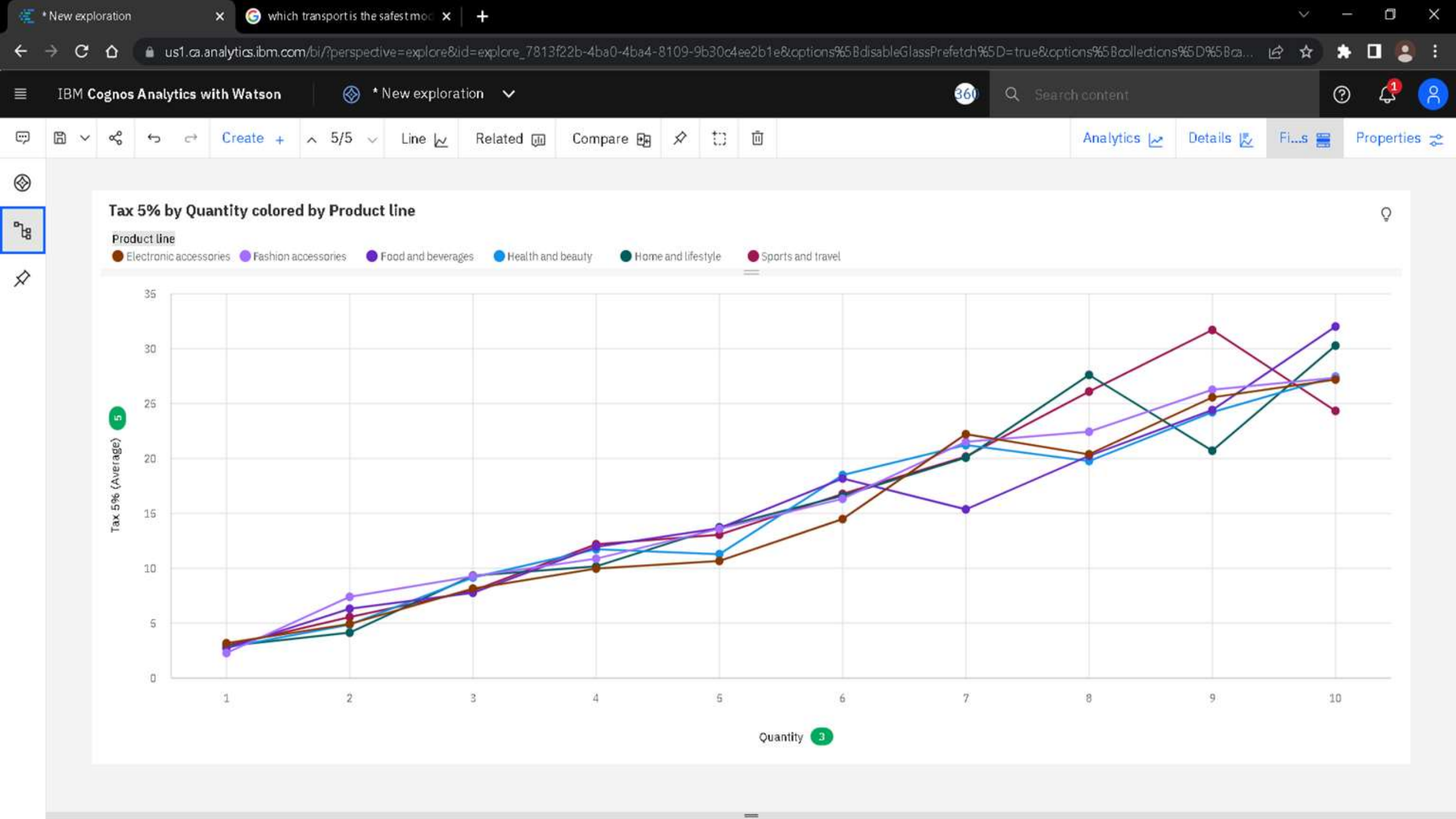
- The diagram is a Pie Chart representation of Genders of two kinds.
- Hence it has two colours.



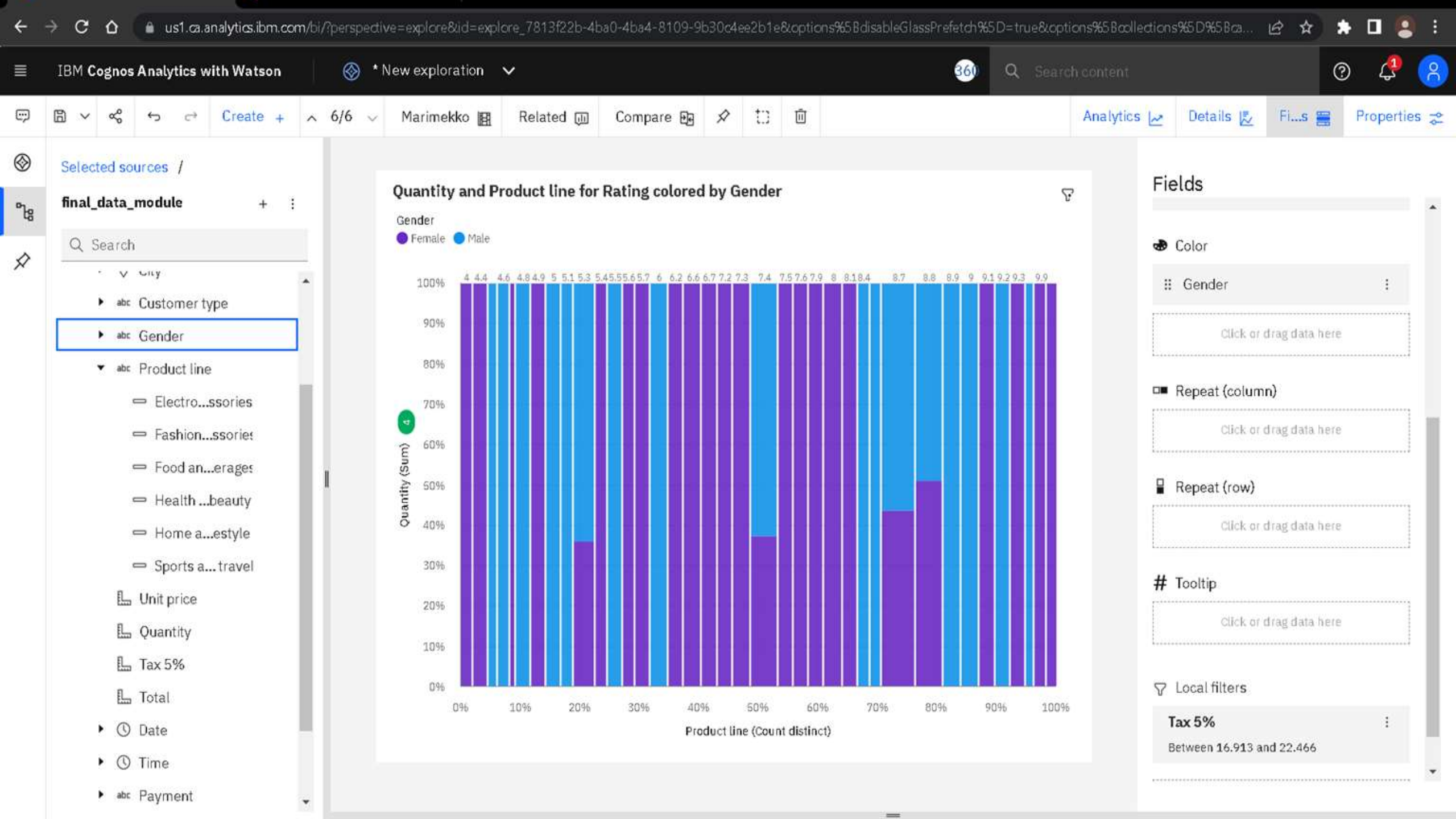












# Conclusion

- 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.