Data Warehousing and Business analytics

Lecture - 9

Visualizing query results

Tools for visualizing



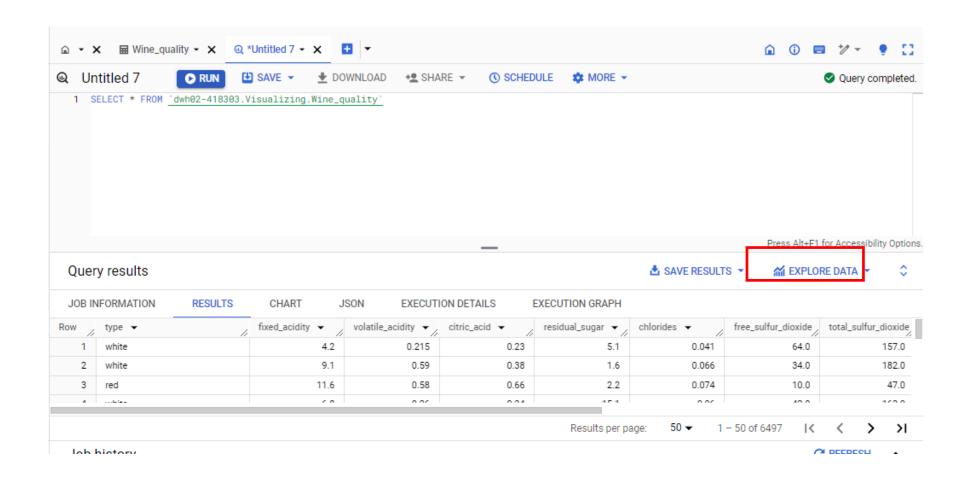
Steps for using Data Studio

- Load data to Bigquery
- Write the query
- Run query to get the result
- Choose "Explore data"
- Visualize data

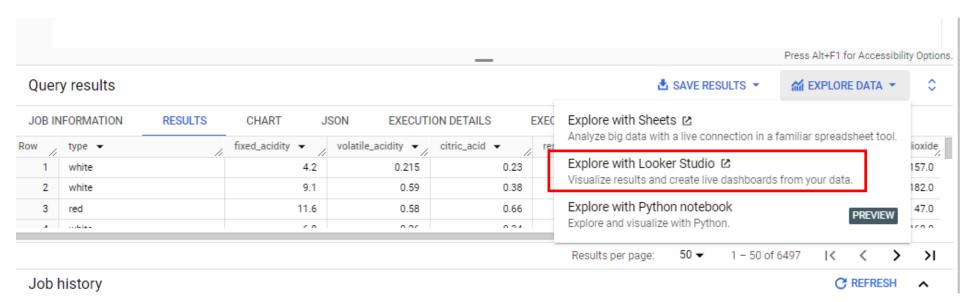
Load data to Bigquery

- Create a project (if necessary)
- Create a database (if necessary)
- Create a tables (if necessary)
- Choose the table
- Write & Run the query

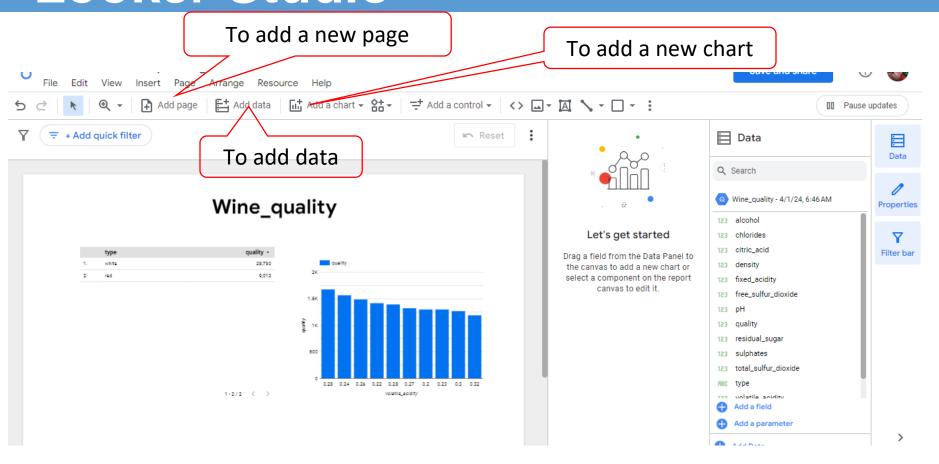
Visualize query results



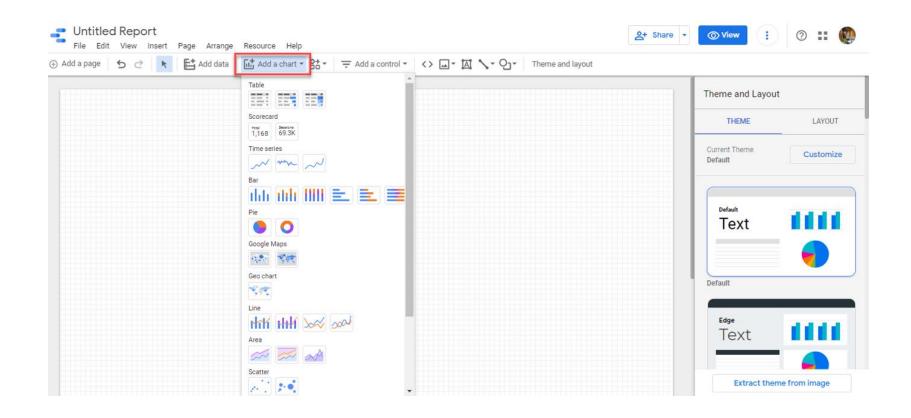
Tools for visualizing



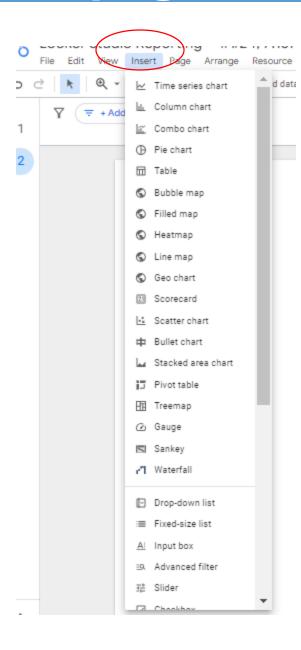
Looker Studio



Add new page and select chart type



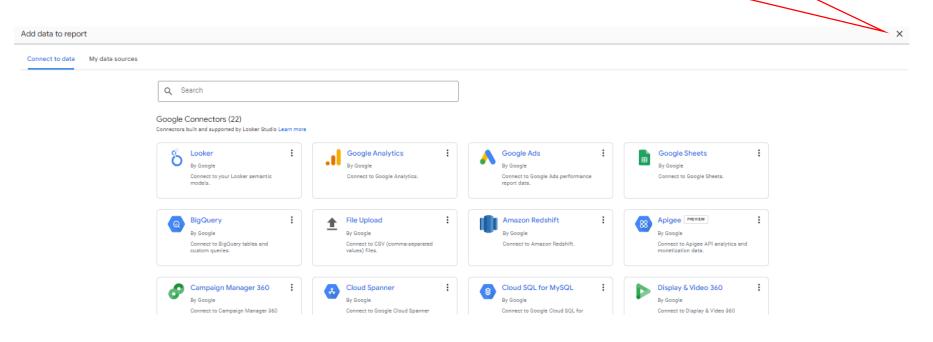
Add new page and select chart type



Add new data

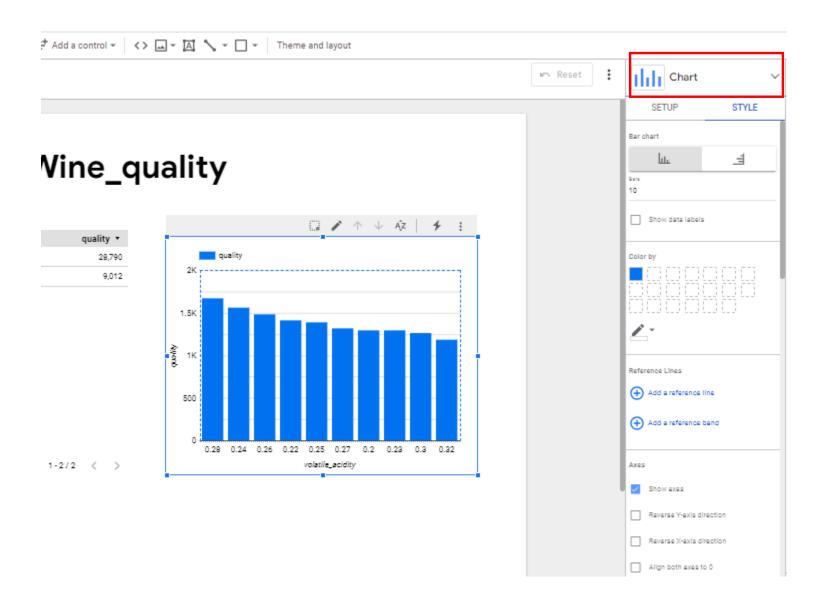
- Provide the information (two-step process)
- Load data to Looker Studio

Close if you do not add data

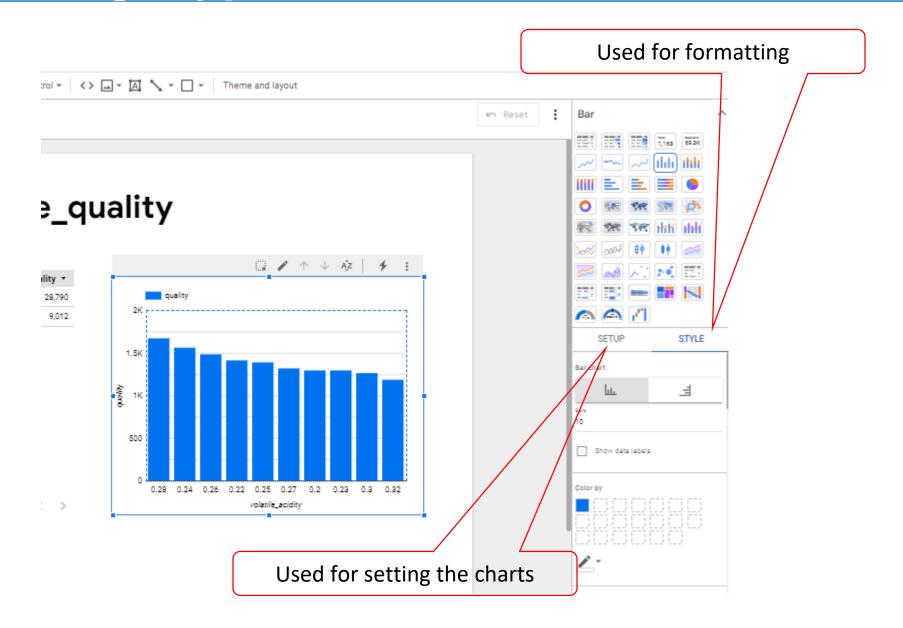


many more ...

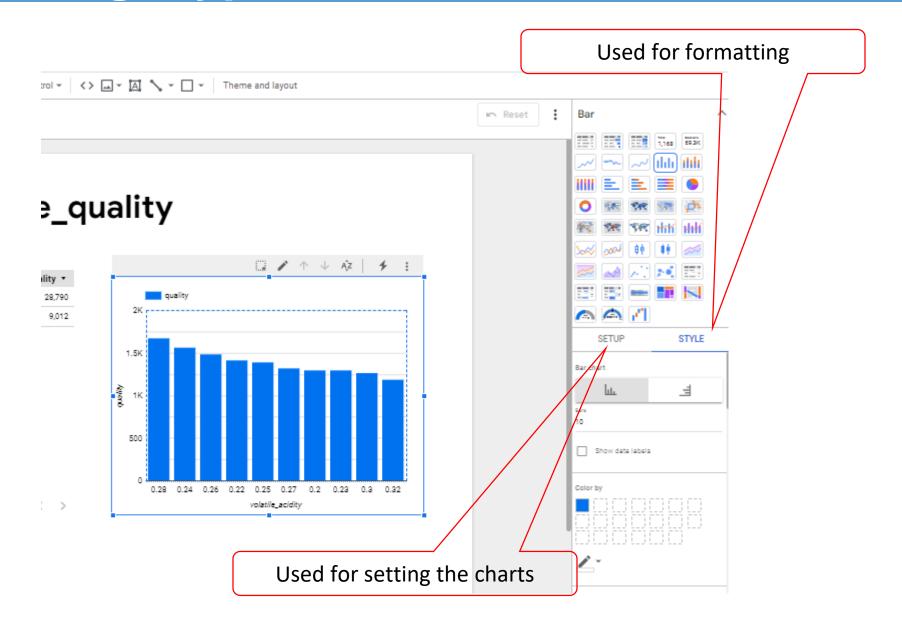
Change type of chart



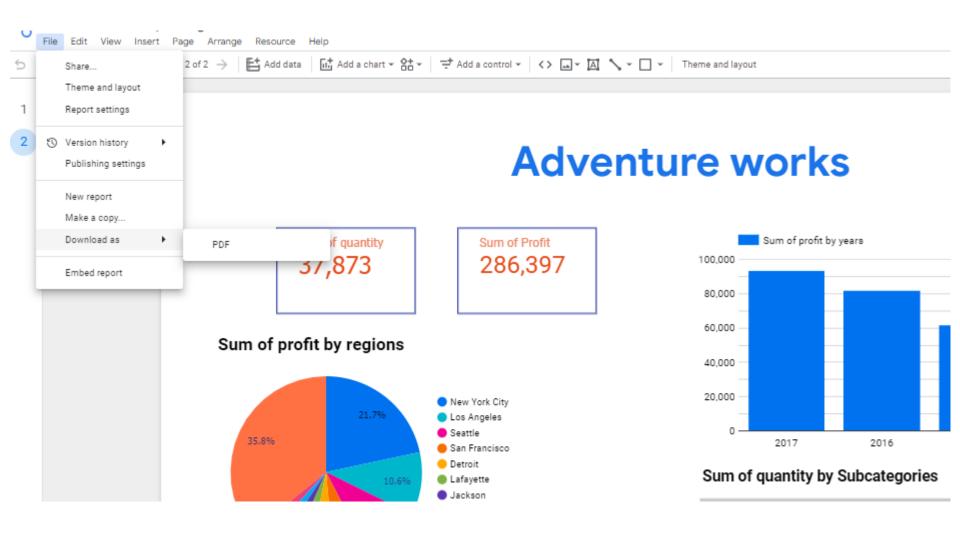
Change type of chart



Change type of chart



Save or download visualizations



Example: Use Adventure_works.csv

Adventure works



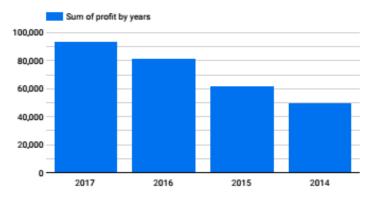
Sum of Profit 286,397

Sum of profit by regions



Profit vs quantity by Subcategories





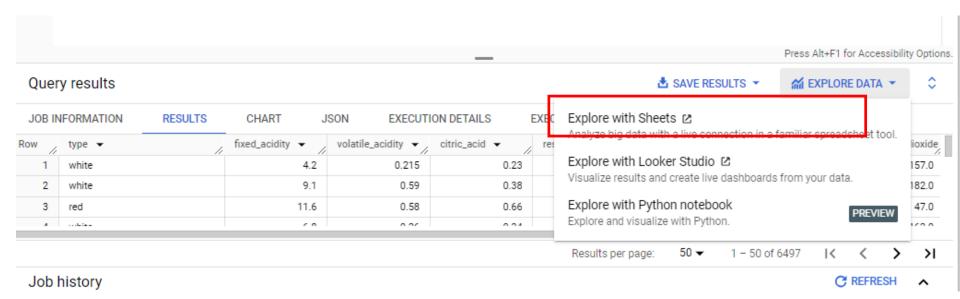
Sum of quantity by Subcategories



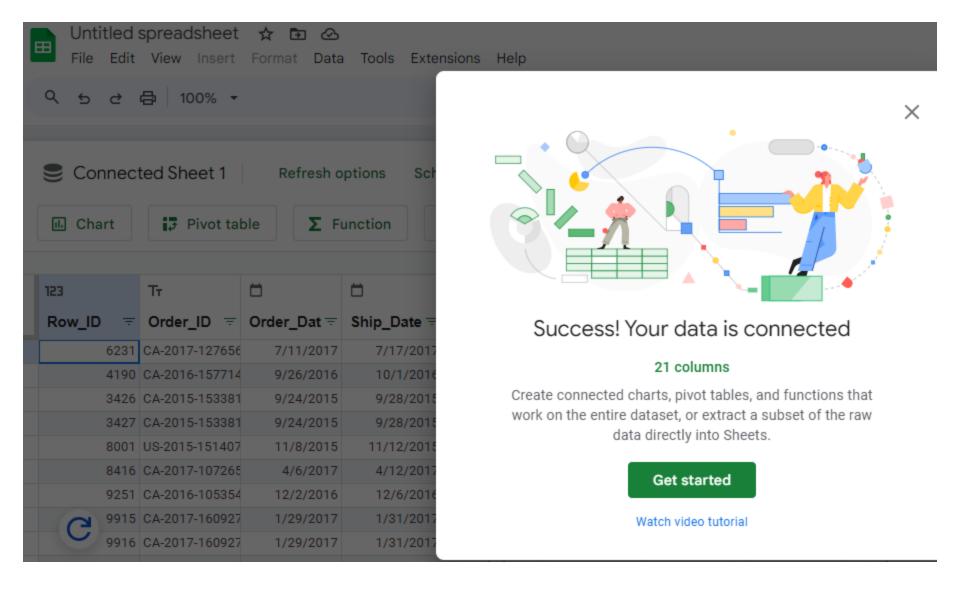
Exercise: work with your database

- Load data sets from your project to Bigquery
- Transform your data (if necessary)
- Visualize the results

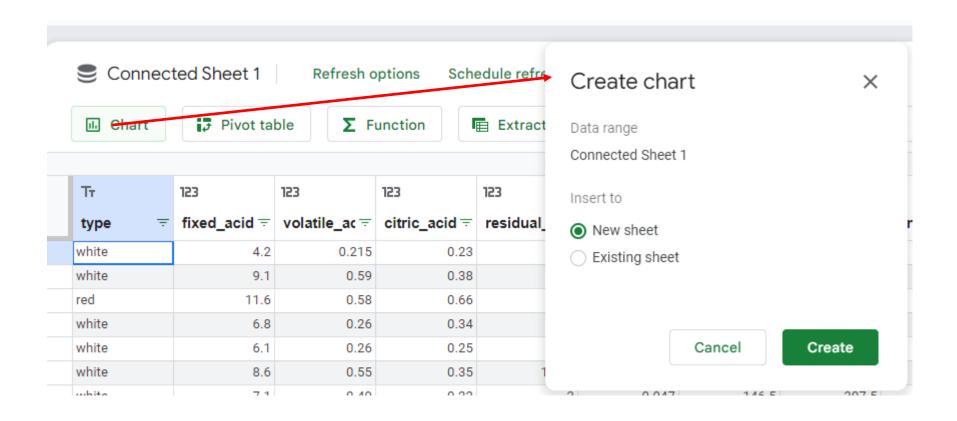
Connected sheets



Explore with sheets



Explore with sheets



Explore with sheets

