Step 4. Exploratory data analysis (Python)

In addition to the data you retrieved in the previous tasks, you've been given a second file. You now have these two CSVs:

/datasets/project_sql_result_01.csv. It contains the following data:

company_name: taxi company name

trips_amount: the number of rides for each taxi company on November 15-16, 2017.

/datasets/project_sql_result_04.csv. It contains the following data:

dropoff_location_name: Chicago neighborhoods where rides ended

average_trips: the average number of rides that ended in each neighborhood in November 2017.

For these two datasets you now need to

- import the files
- study the data they contain
- make sure the data types are correct
- identify the top 10 neighborhoods in terms of drop-offs
- make graphs: taxi companies and number of rides, top 10 neighborhoods by number of dropoffs
- draw conclusions based on each graph and explain the results

Step 5. Testing hypotheses (Python)

/datasets/project_sql_result_07.csv — the result of the last query. It contains data on rides from the Loop to O'Hare International Airport. Remember, these are the table's field values:

- *start_ts*
    - pickup date and time