Power BI Final project

Your aim is to create a data visualization dashboard using Power BI.

Dashboards include:

- univariate graphs (10pts).
- bi-ivariate graphs (10pts).
- multivariate graphs (10pts).

You can read more in this link.

- Usage of powerQuery editor for ETL operands (10pts).
- Relevant DAX expressions; preferably create a measures table including all measures(20pts).
- Visualization interactive actions; refer to this lab for further steps;Use slicers for more graph interactivity. (20pts).

Build up your data files into a Database; get data from an SQL server; write queries to perform CRUD operations; test data visualizations refreshment (50pts).

- Dashboards must follow visualization principles discussed in these slides. Note: open the presentation above in slideshow mode to see the animations (20pts).

Make sure that each dashboard includes your student group member's name, student ID represented on a card.

Problem;

Twitter Sentiment Analysis:

This data originally came from Crowdflower's Data for Everyone library.

The troubles of each major U.S. airline were the subject of a sentiment analysis project, according to the original source. Contributors were instructed to initially classify positive, negative, and neutral messages before categorizing unfavorable explanations (such as "late flight" or "rude service") using Twitter data that had been gathered from February of 2015.

The data is available in both a CSV file and a SQLite database. It indicates, for six US airlines, whether the sentiment of the tweets in this group was positive, neutral, or negative.

To get started with data in csv click here; or in sqlite click here.