**Tableau visualization link**: <https://public.tableau.com/app/profile/daniel.oyeleye/viz/BritishAirwaysReviewsProject_17210615769860/Dashboard1>

**Power BI**

I want the visualization to show:

* The percentage of reviews that are verified vs those that are unverified
* The distribution of various quantitative variables like Seat Comfort, Food and Beverage rating, overall rating and so on
* The distribution of various qualitative variables like Countries, Airplanes etc. vs number of occurrences
* I want to be able to filter by Continent, Date posted, Date Flown

**SQL Table Creation and Queries**

* Header column might be removed but Content will definitely be removed, way too many letters in the Content
* A possible primary key is (Author, Date/Date Posted) because the same author can post multiple reviews
* In some instances, country codes were placed in Route rather than the city the departure and arrival airport are located
* Route is a multi-value column with data about where the flight started and where it ended so it will be split into Departed (City) and Arrived
* so, this dependency will need to be removed for the table to be in 3rd normal form
* (Author, Date) is not a candidate key, there is more than one group that has different values in a column
* Couldn’t find any decent candidate keys so I will use the incremental integer candidate key in the BA\_Reviews table.
* I want to use sqlalchemy package to export the data frame to SQL
* A .env file was used to protect my information but the connection didn’t work when the database name was imported from the .env file so I just copied it.
* I used an auto increment ID for BA\_Reviews table
* Data has been successfully exported to the SQL tables