



FINAL PROJECT

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EXECUTIVE SUMMARY

COVID-19's Impact on Airport Traffic

- This dataset was obtained with the intention of analysing and visualising the results through a web page.

PREVIOUS STEPS

- Data understanding, in this point what was reviewed through graphs were the missing values and anomalies.
- Data preparation consisted of generating the clean-up which included: Missing values, Duplicate detection (instances), Anomaly detection (cluster analysis) as well as Noise in data. Transformation sought to standardise and normalise the data as well as the reduction of attributes through a correlation matrix.

DATA MINING AND DATA PRESENTATION

- Through the process of using "raw" data to infer important relationships between the data presented on the website that allows the visualisation of air traffic on the map as well as the average base line, percentage of trips per city and per airport, average trips made per day and total; all categorised by city (Australia, Canada, Chile and United States of America).

