

British Airways DATA ANALYTICS

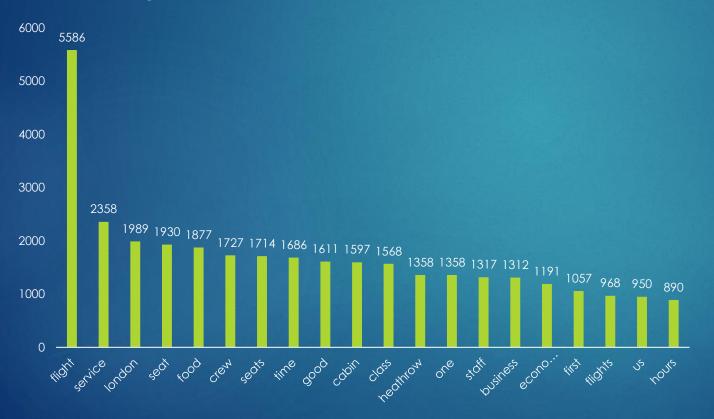
Prathamesh Tanavade – November 2023

Results: Reviews Analysis



Key Topics:

The frequency chart below shows that the key topics within the reviews include "service", "seat", "crew" and "staff", showing that people are actively talking about their experience and staff.



Sentiment: Out of 3056 reviews,

56% 38% 6% Negative Positive Neutral

2/5
Recommend flying
British-Airways

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Results: Predictive Analysis



Conclusions:

- Purchase Lead, Length of Stay, Flight Hour, Flight Day are significant features
- Booking Origin is not so important

Model Metrics:

0.878 0.512 0.088

Accuracy Precision Recall

