ONLINE DATA SCIENCE

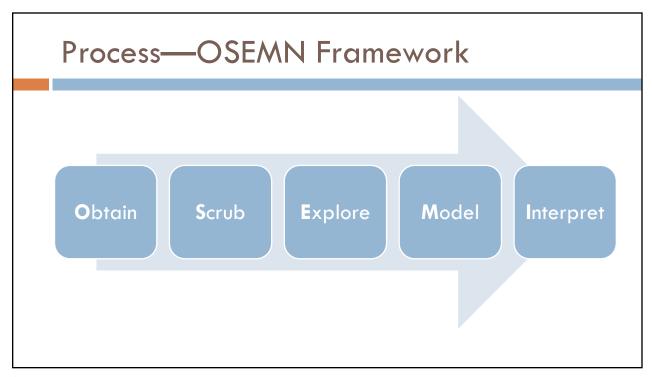
Module 3 Final Project

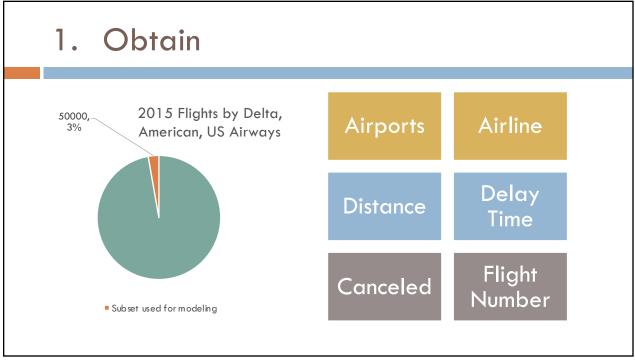
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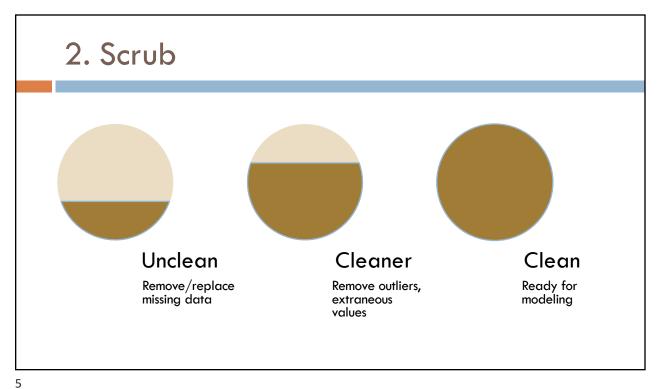
A Mobile App to Predict Flight Delays

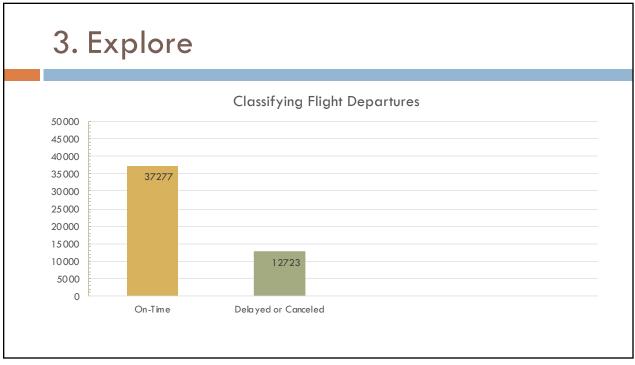
Help users to avoid those lengthy waits—often before delays and cancelations are announced by the airline.



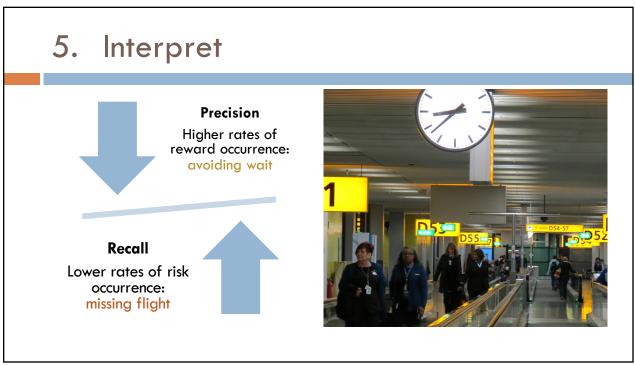








Accuracy—91% Precision = How many of the selected flowns are referents How many of the relevant temes are selected? Recall = Recall = Relevant Elements Accuracy—91% • 91% of all the model's predictions were correct. Precision—88% • For every 10 flights that the model classified as delayed/canceled, 8.8 truly were. Recall —75% • The model caught 7.5 out of every 10 delayed/canceled flights.



Future work

Increase resources to study larger sample, more airlines

Correct for possible "class imbalance" issue

Continue tweaking models

q

Thank You!