



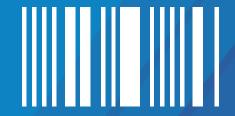
FLIGHT PRICE **PREDICTION**

AUTHOR:

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BOARDING PASS

- FLIGHT MSIA
- GATE AVC
- SEAT **FLASK**







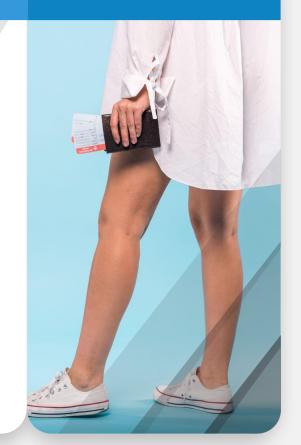
BOARDING PASS

Motivation 🛪









WEB APP DEMO







Data

30K Flight Records

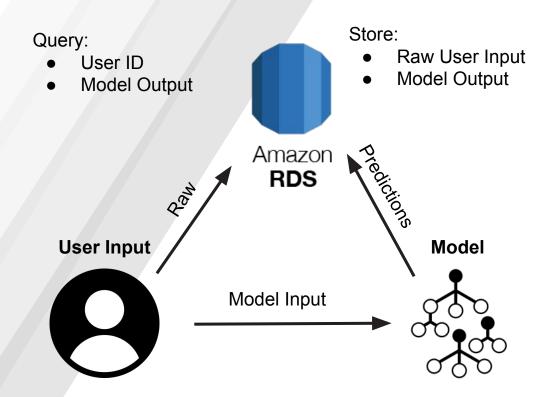
Timestamp

Airline

Source/Destination

....

Class







MODEL (Online)

RANDOM FOREST



- Features: One-hot Encoding
- Hyperparameters: Cross Validation
- Model Performance: Held-out Set

GOAL: ACHIEVED: MAPE < 10% MAPE ≈ 5%

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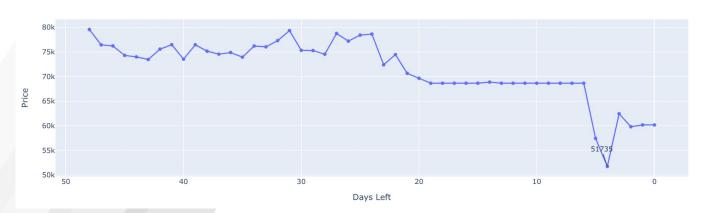




Interesting Insight

- Buying early is not the best strategy.
- Sharp drop close to departure time.









Thank You for Listening!



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