

# *Predicting Taxi out Time*

# Project Brief

Data about flights leaving from JFK airport between Nov 2019-Dec-2020.

Data was scraped under a Academic Paper under Review by IEEE transportation

Taxi-Out prediction has been an important concept as it helps in calculating Runway time and directly impact the cost of the flight

# Domain

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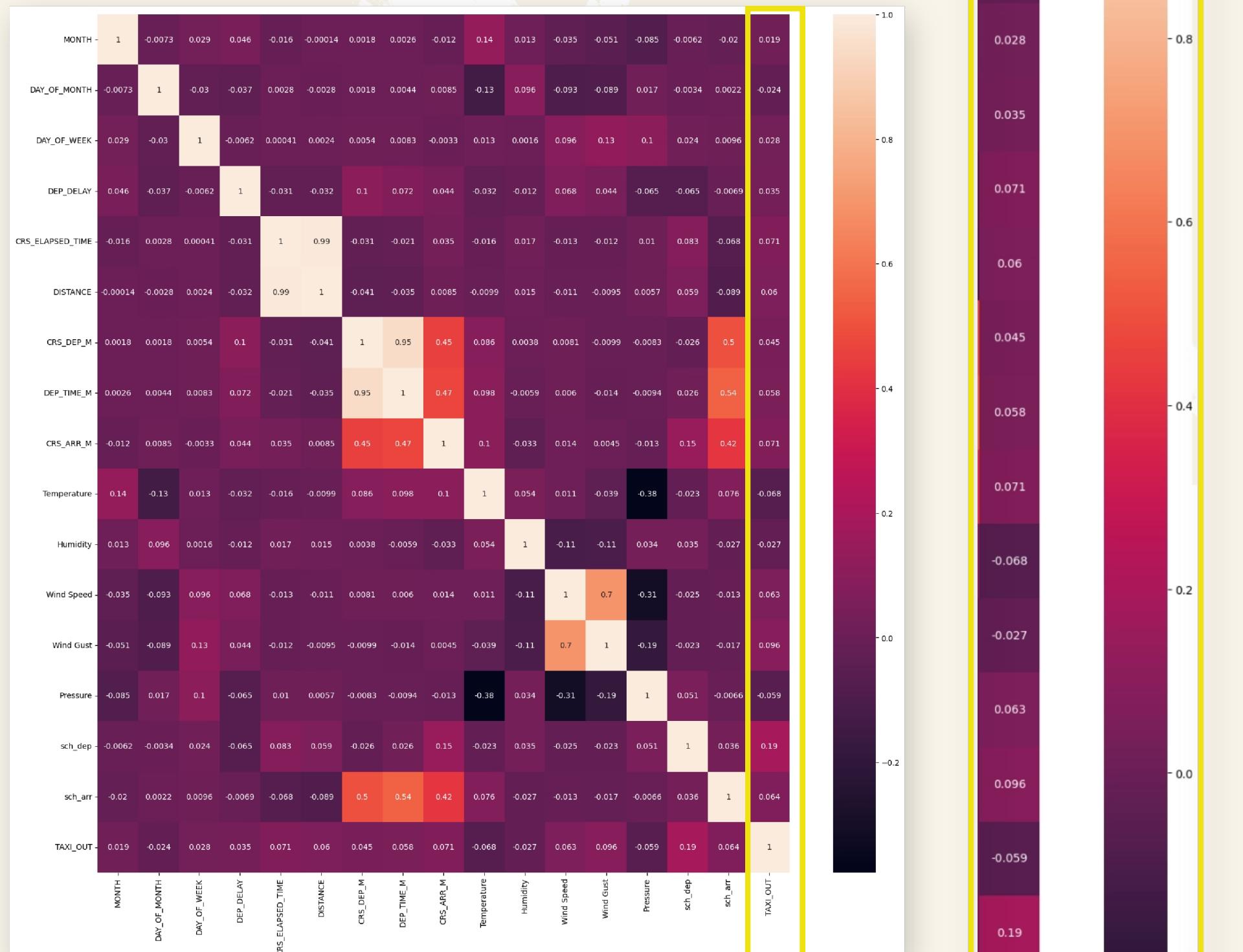
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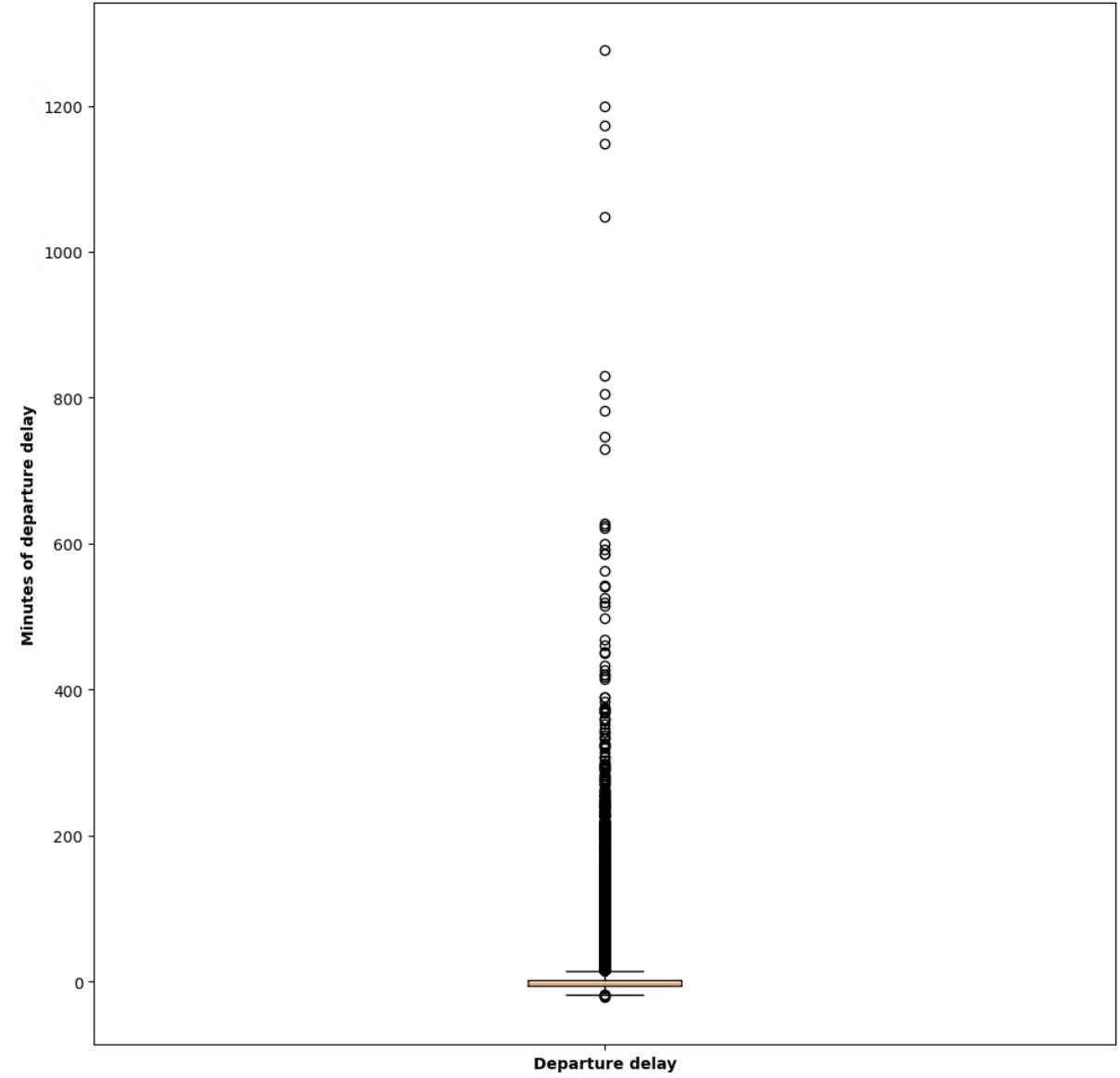
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# Correlation matrix



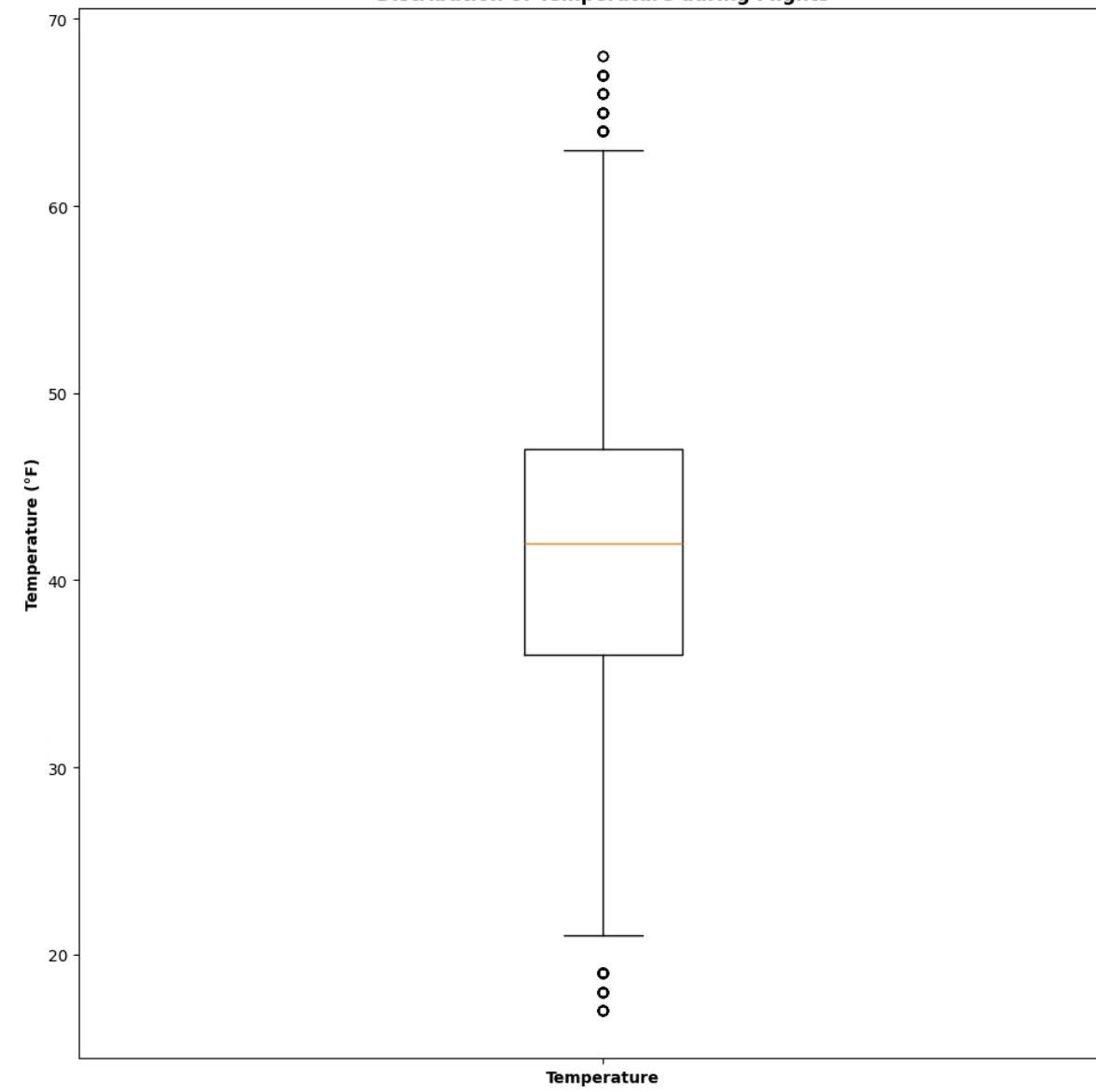
Taxi\_out

**Minutes of departure delay by flight**

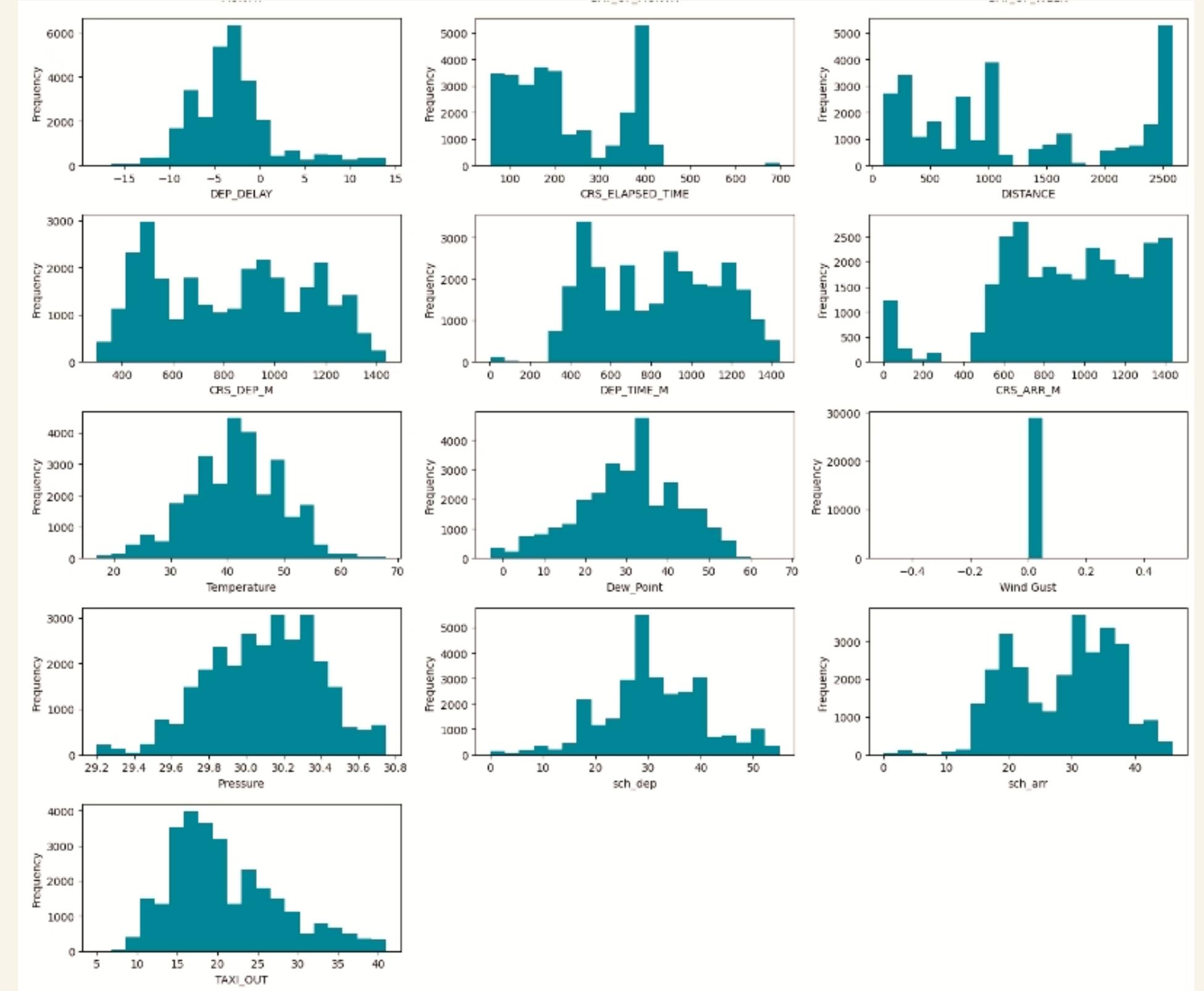


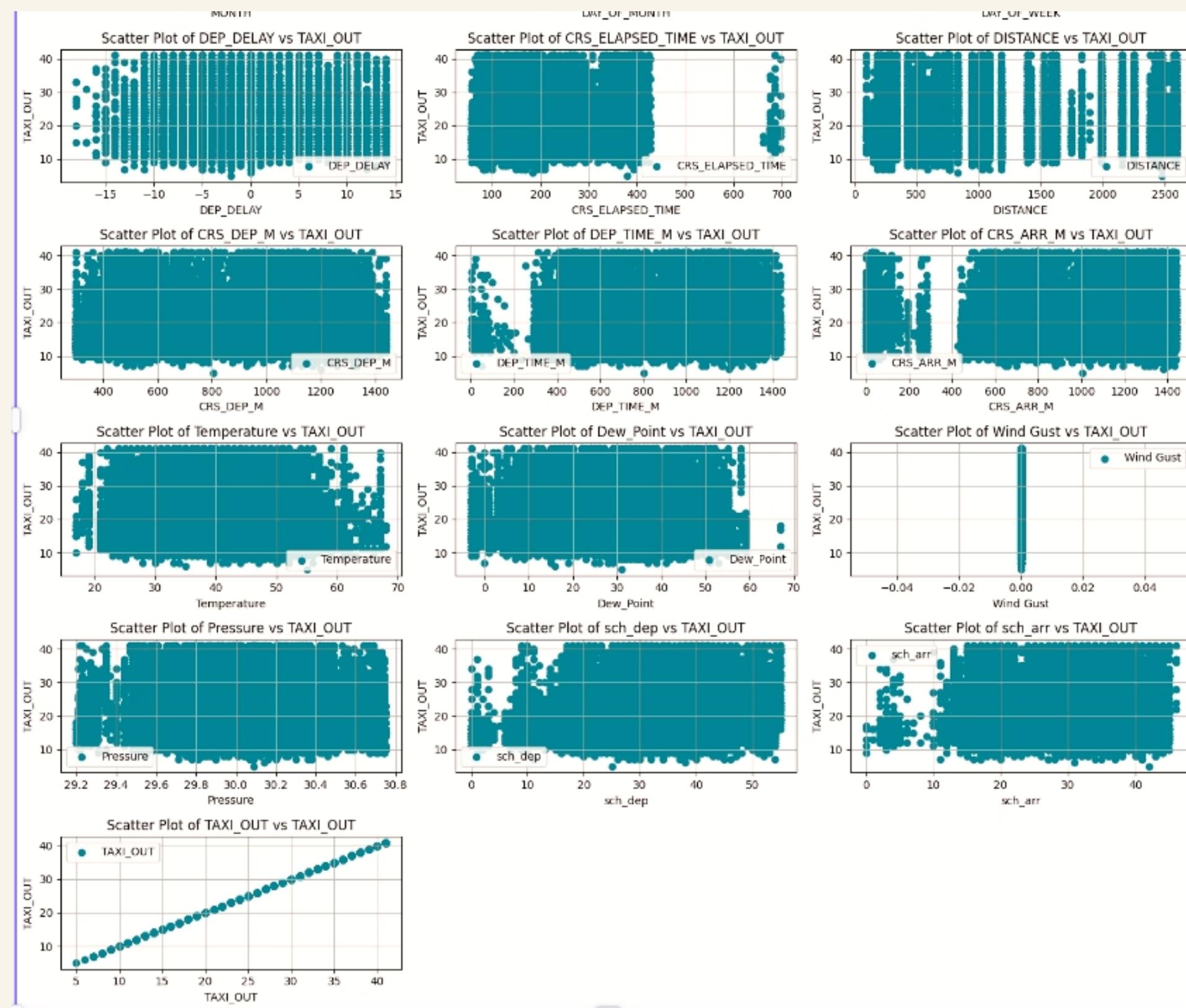
EXTREME OUTLIERS

**Distribution of Temperature during Flights**

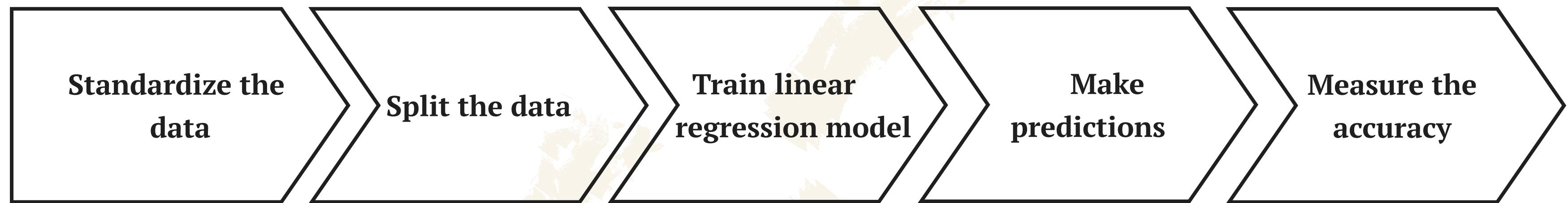


LESS EXTREME OUTLIERS





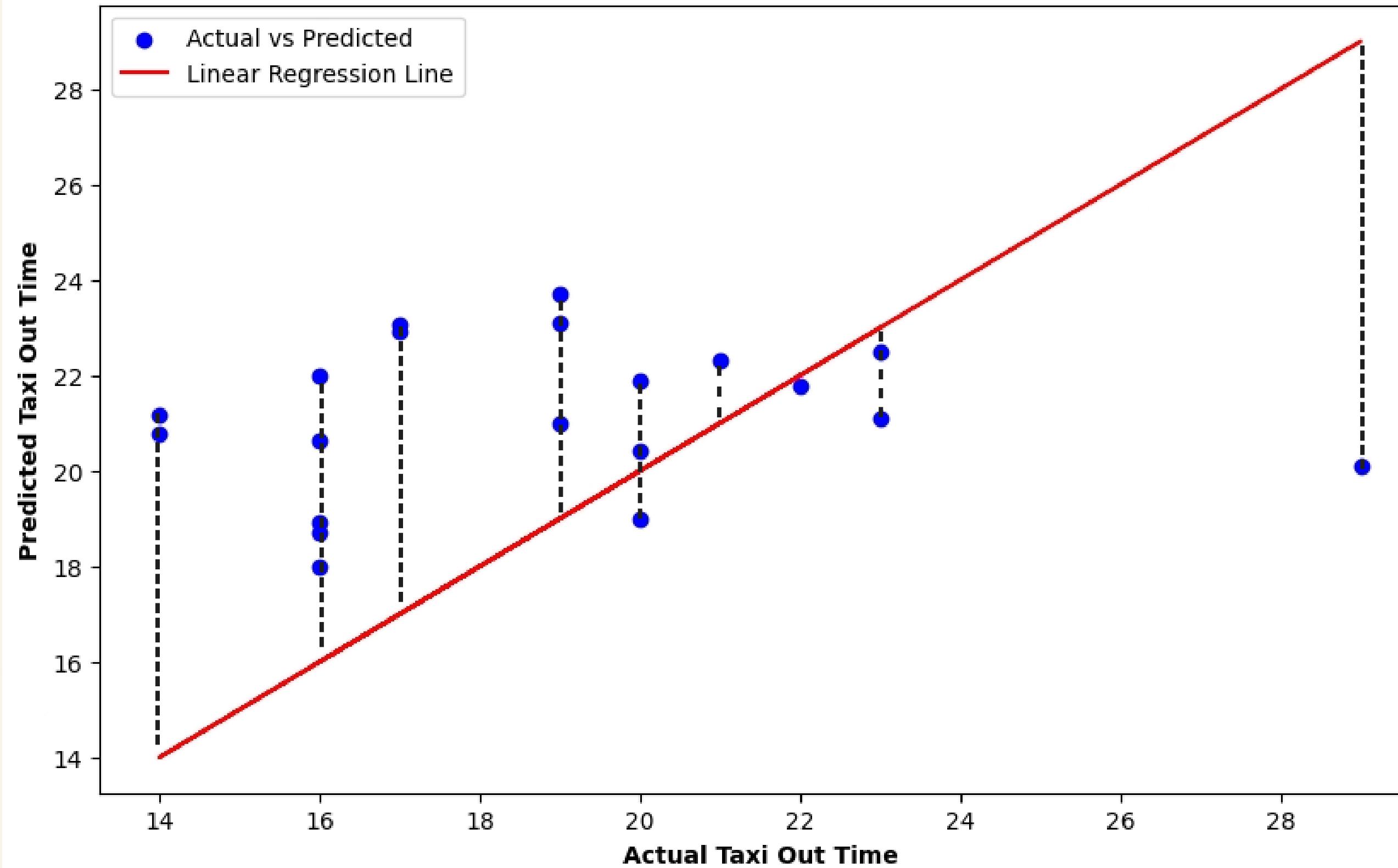
# ML process



# Evaluation



## Scatter Plot with Linear Regression Line



# Pitch

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