# 00000046001-ThomasJanuardy Student UAS IS429 BDA Even Lab 2021-2022

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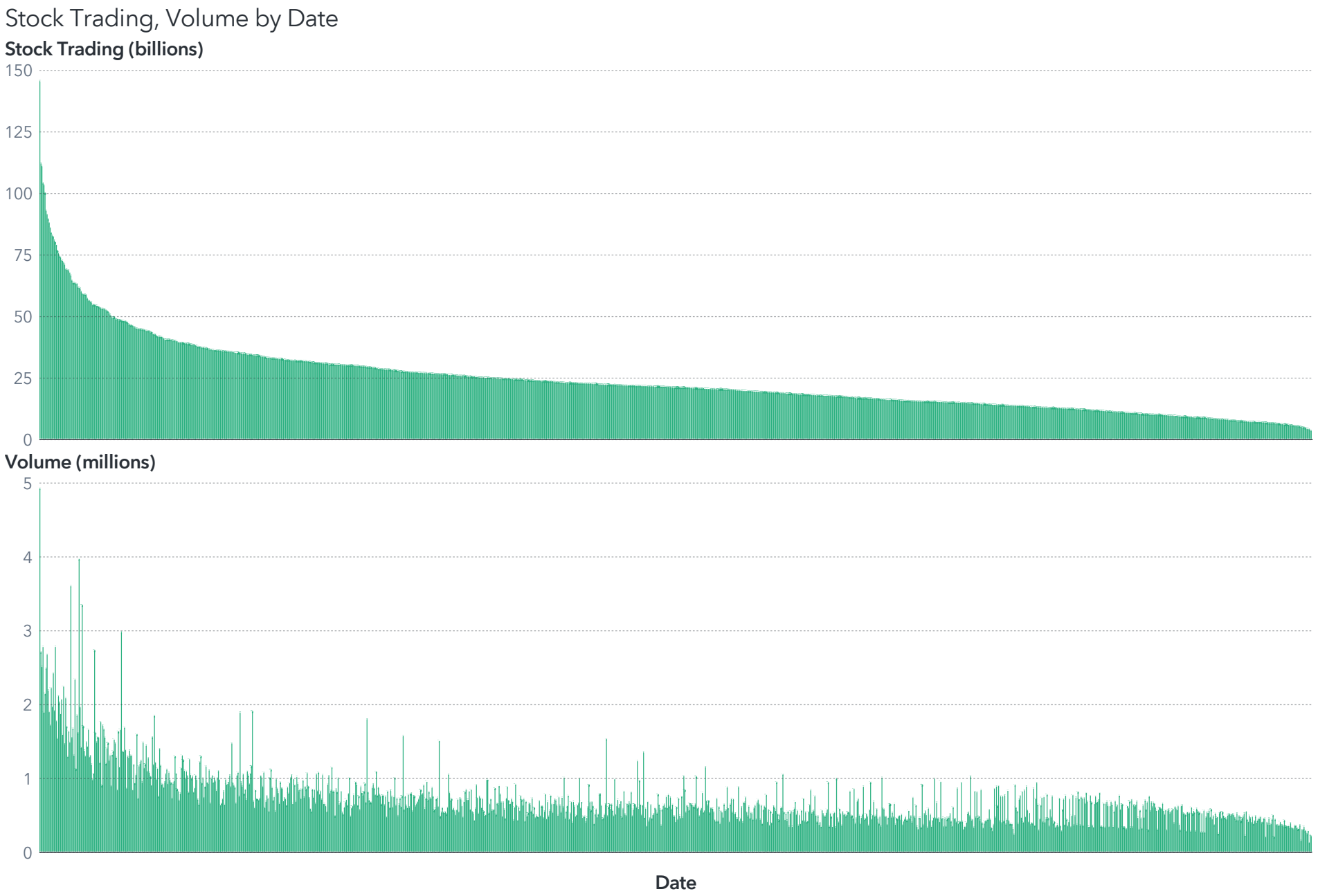
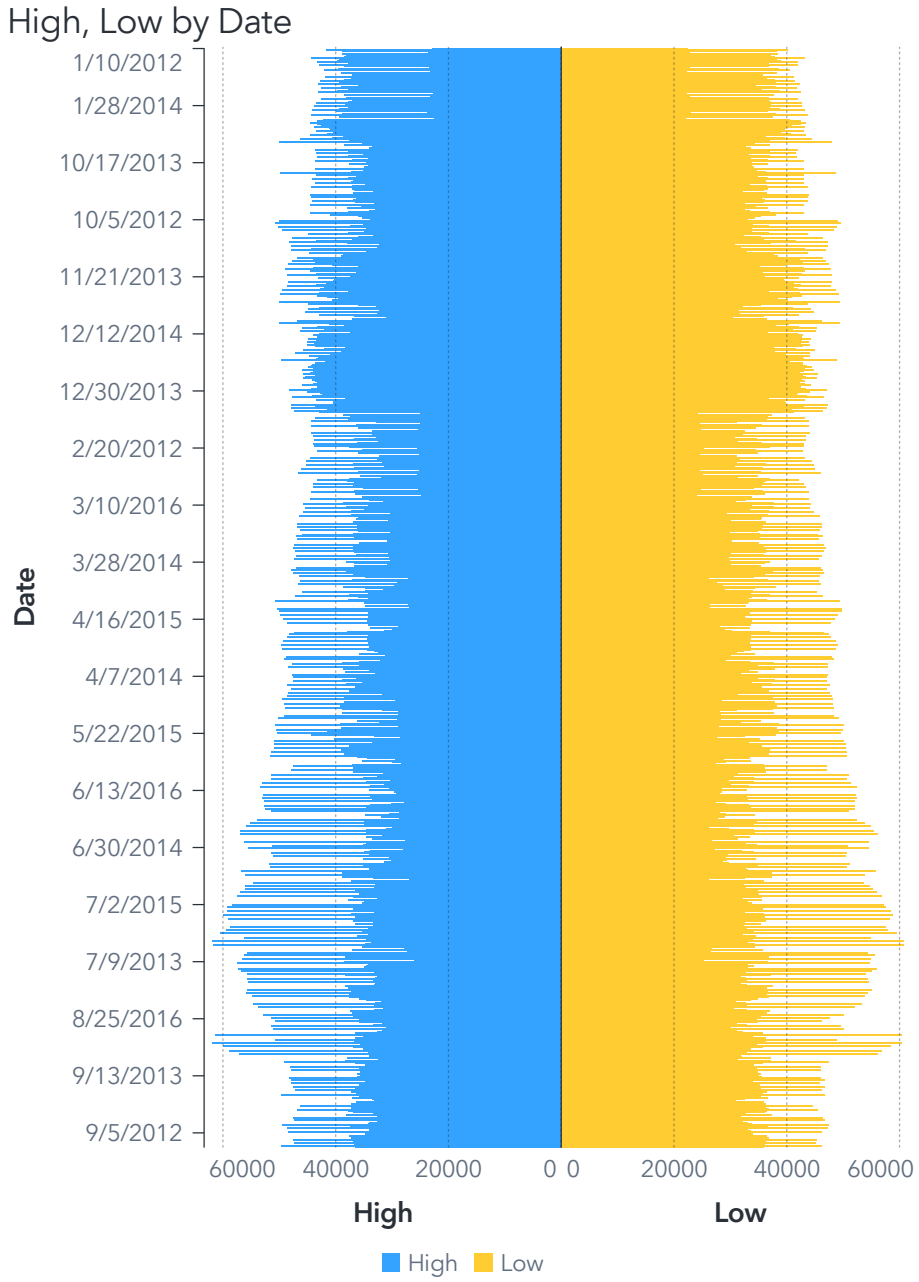
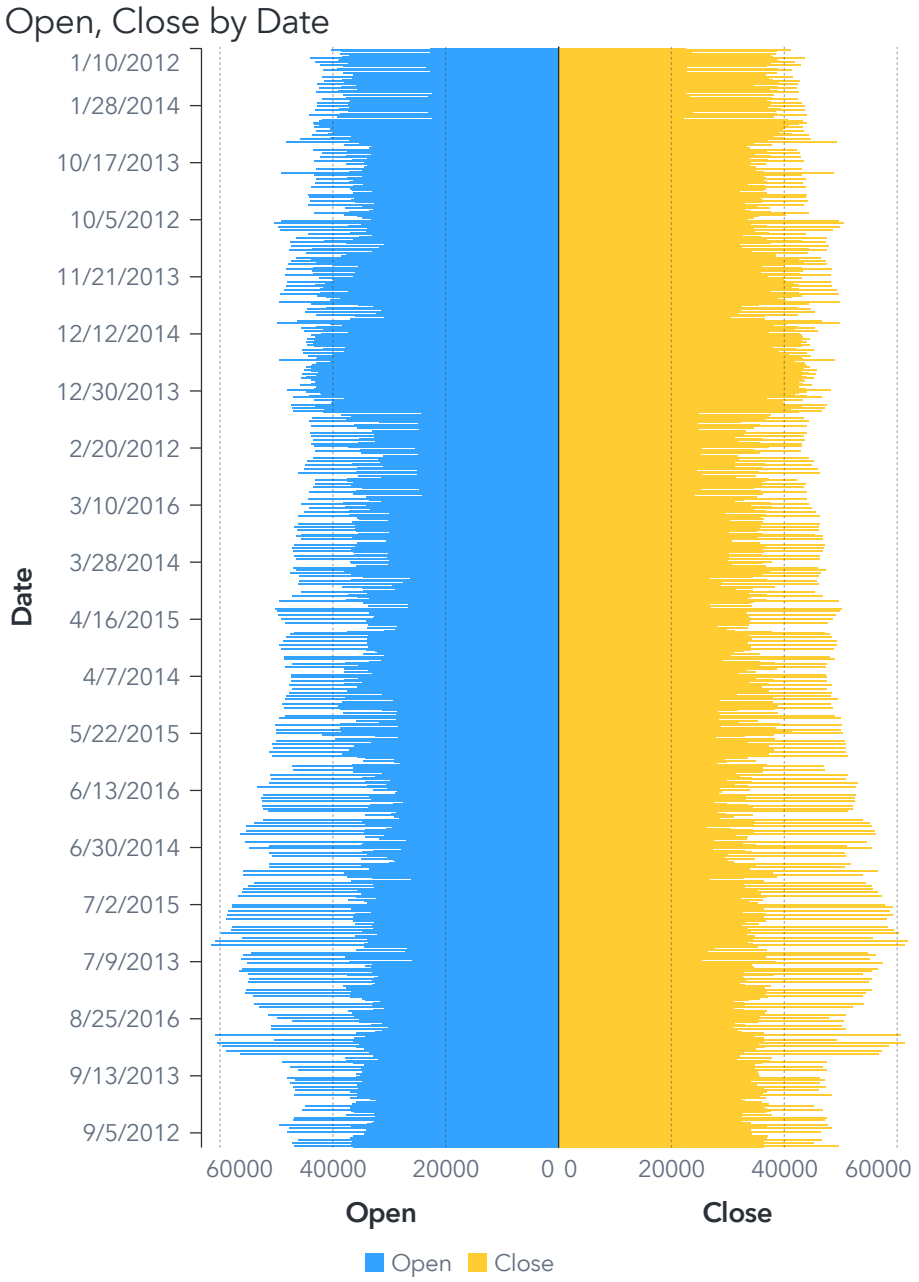
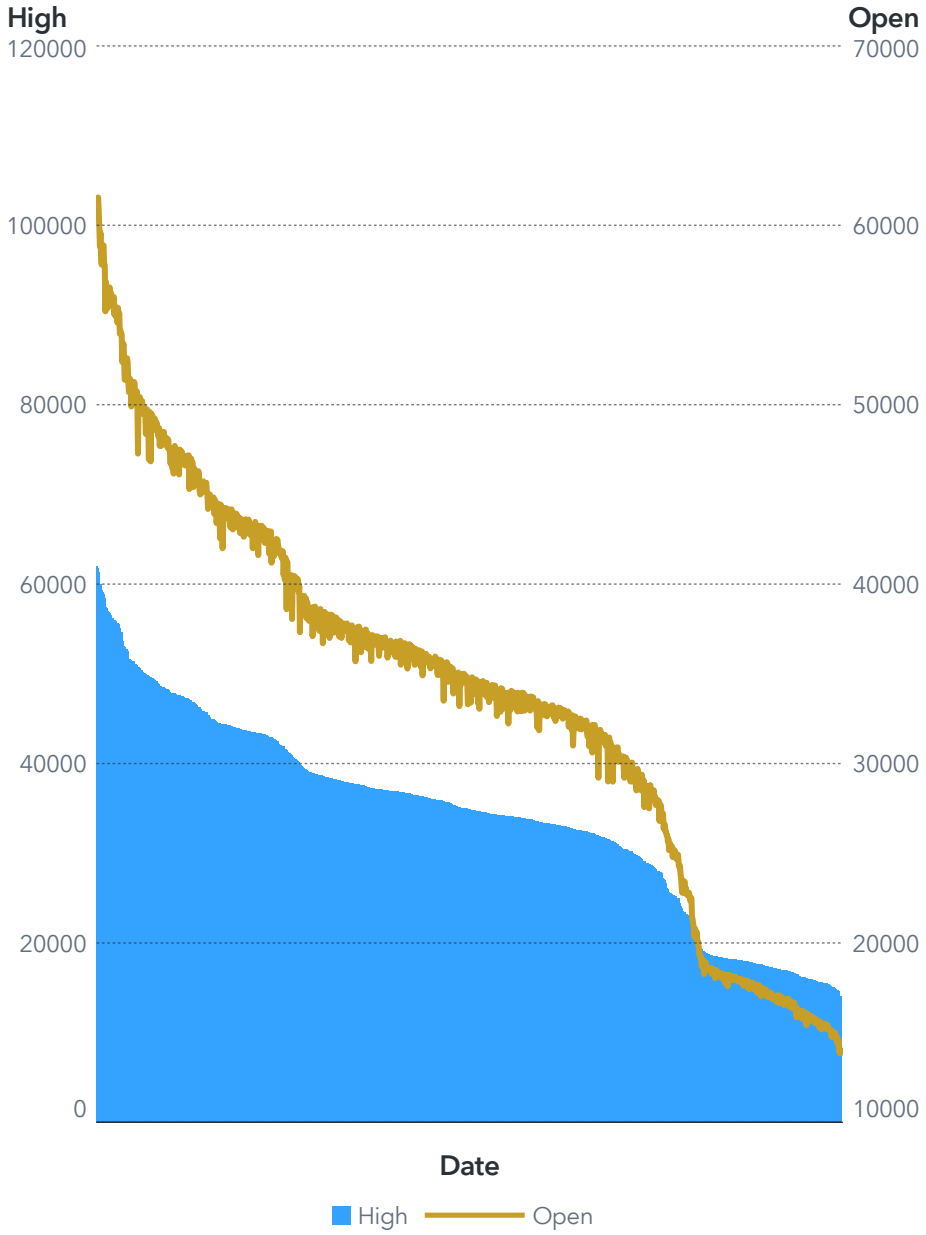

Stock Trading, Volume by Date
Stock Trading (billions)
150
125
100
75
50
25
0
Volume (millions)
5
4
3
2
1
0
Date

# Data Exploration 2

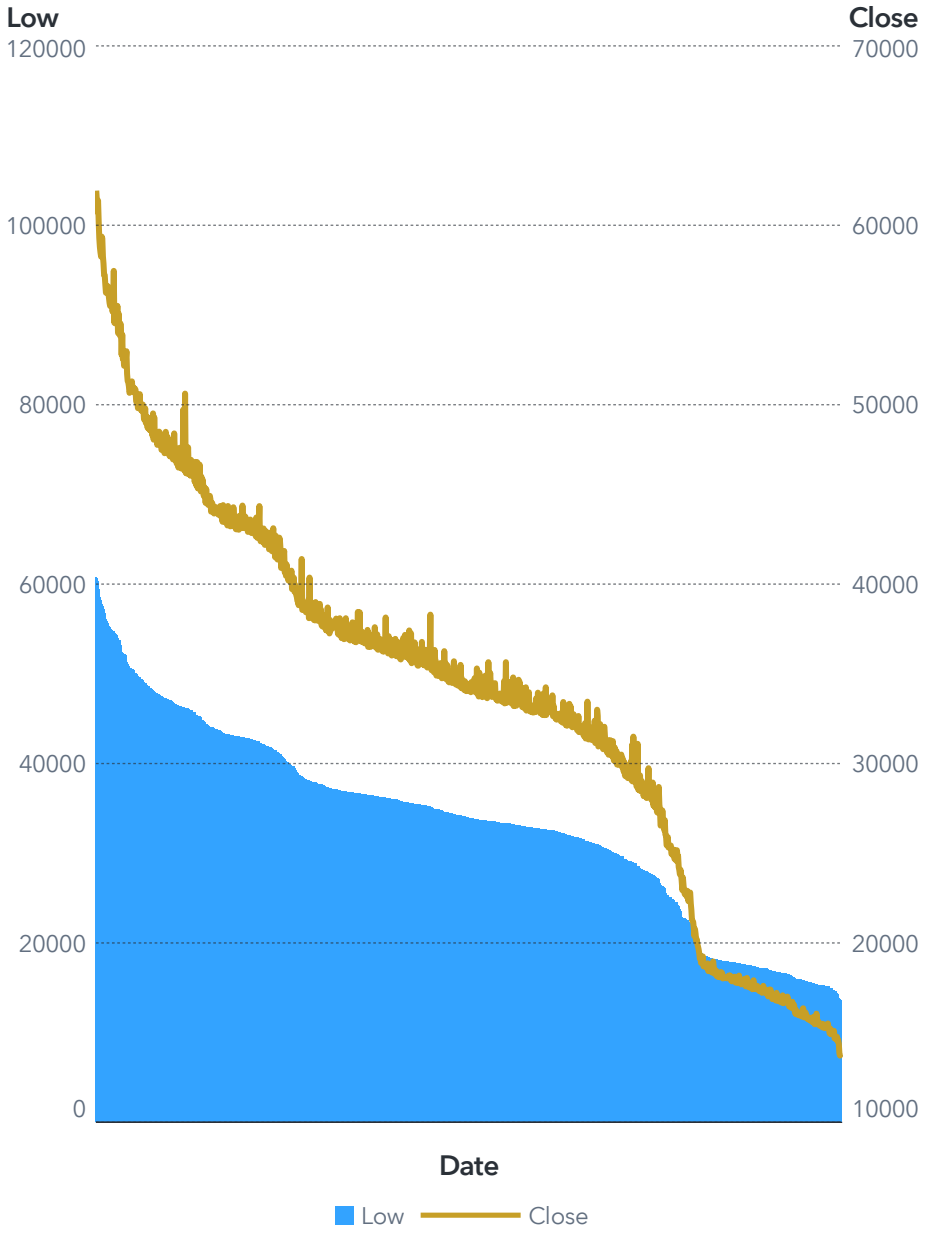


## High, Open by Date

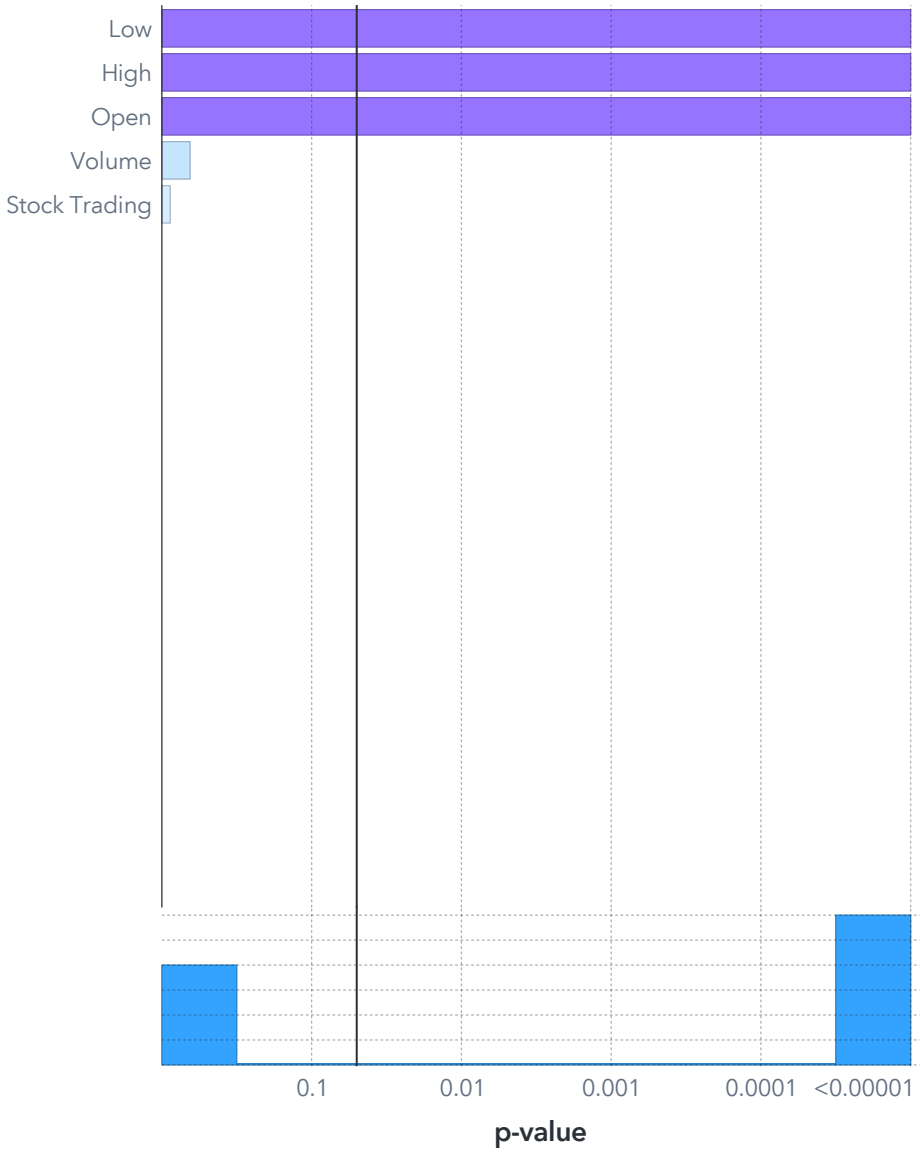



## Low, Close by Date

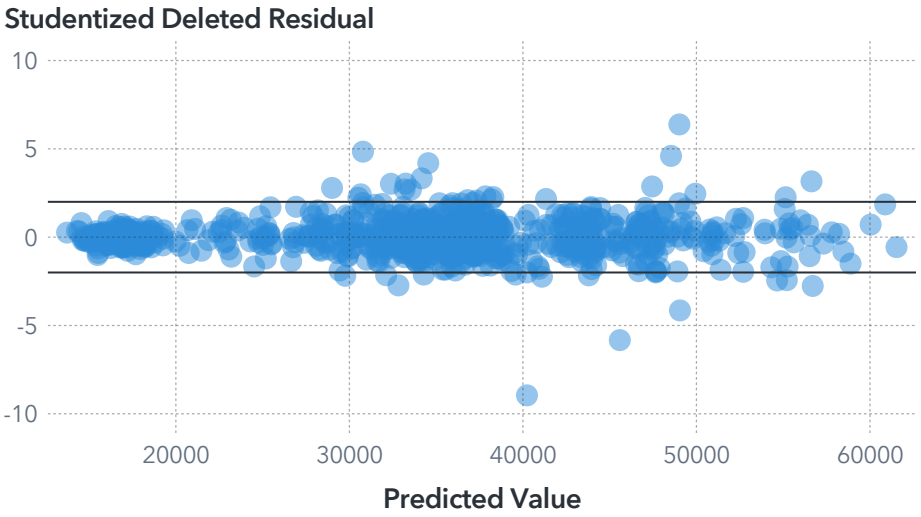


*Linear Regression* **Close** Fit: **Validation ASE 77,303.3605** Observations: **1,233 of 1,233**

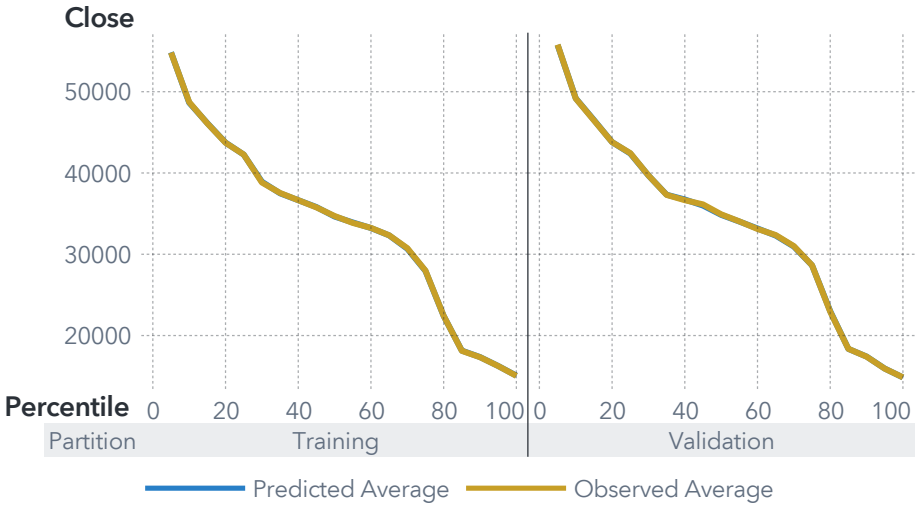
## Fit Summary




## Residual Plot



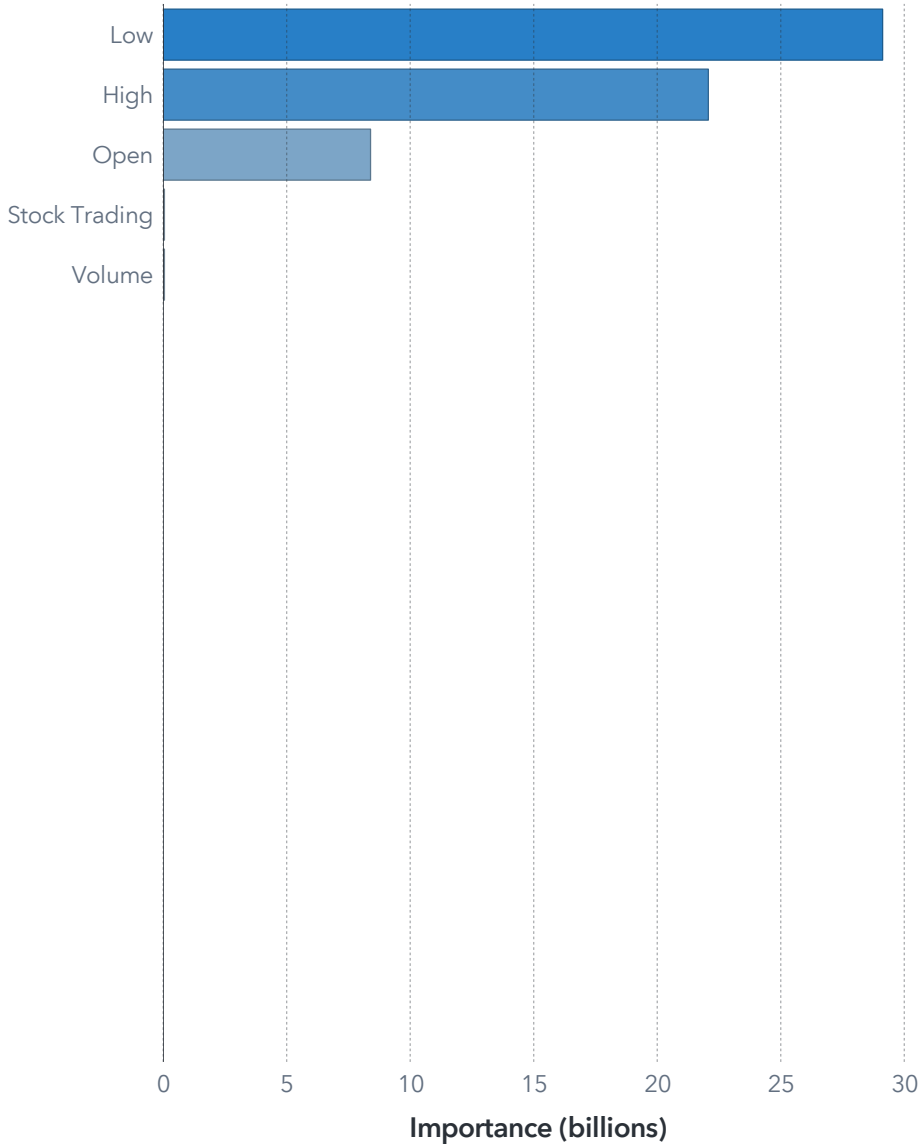

## Assessment



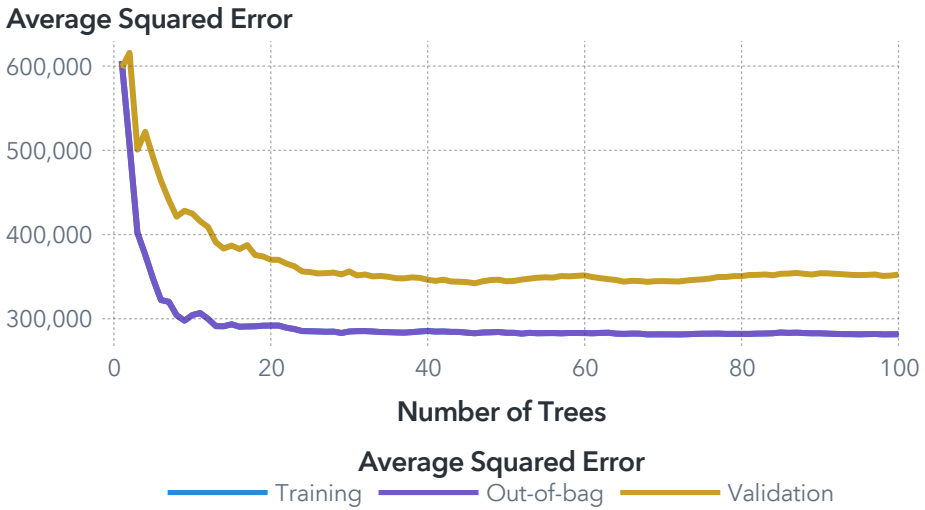
# Random Forest

*Forest* **Close** Fit: **Validation Observed Average 55751.403509** Observations: **1,233 of 1,233**

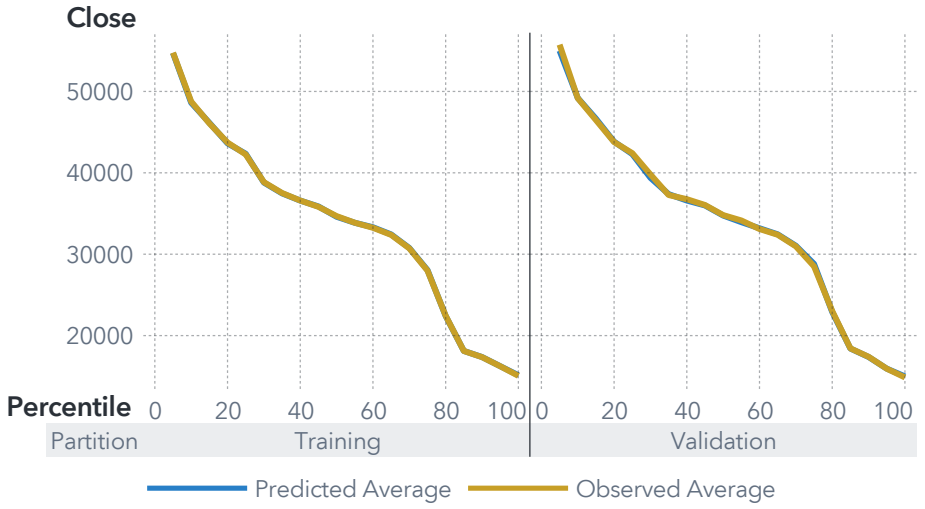
## Variable Importance




## Error Plot

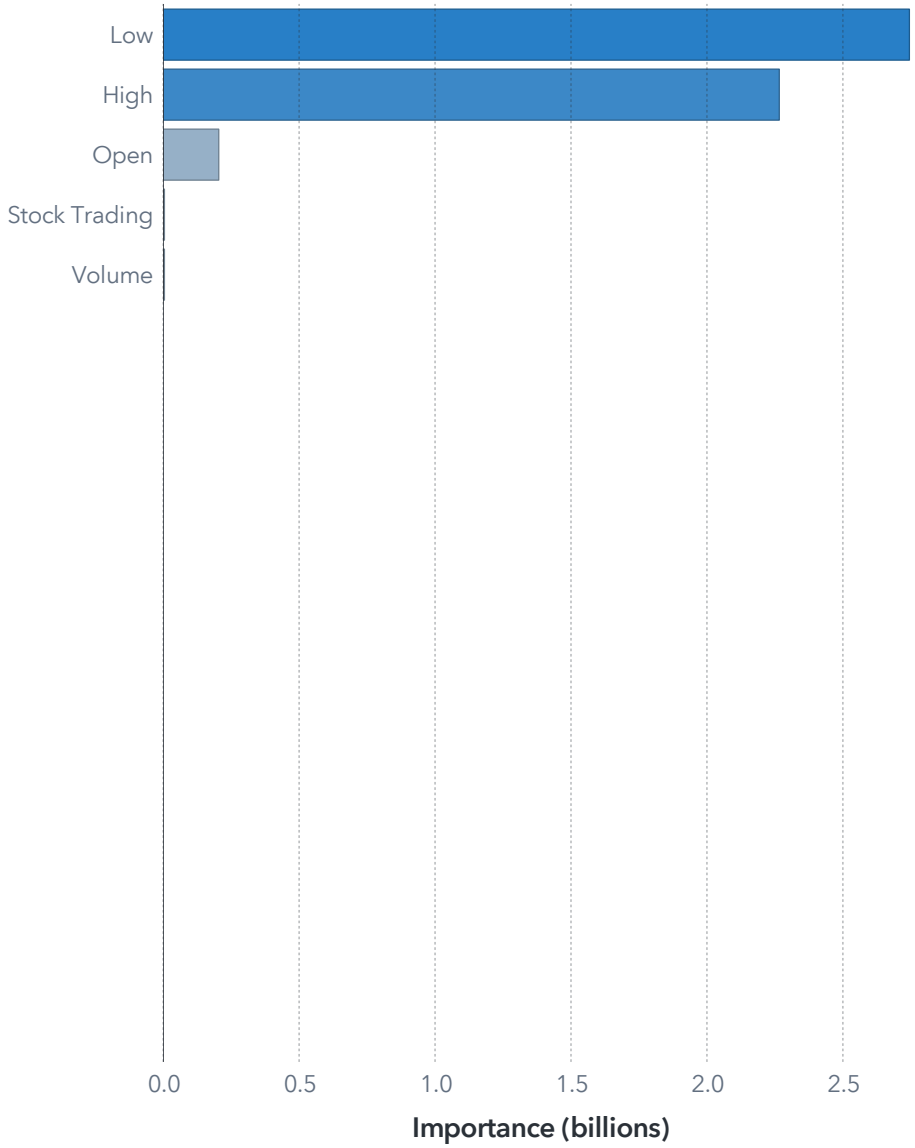



## Assessment

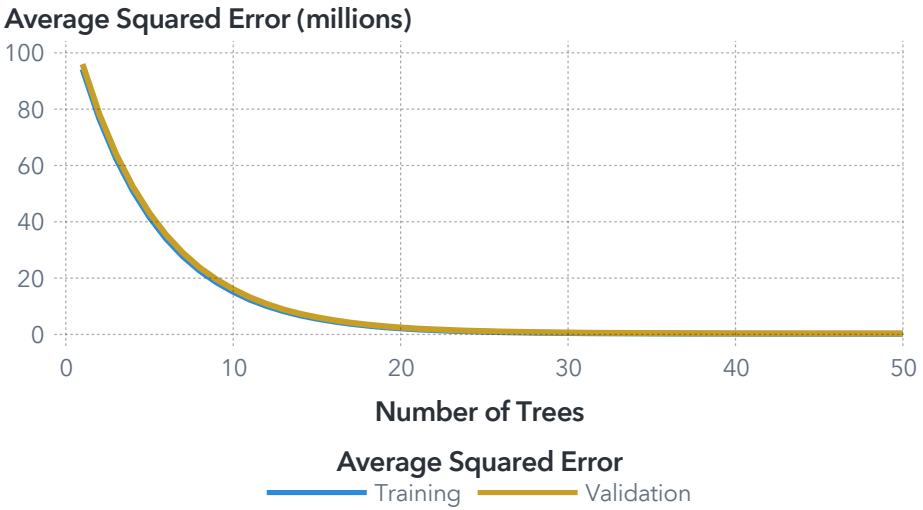


*Gradient Boosting* **Close** Fit: **Validation Observed Average 55695.789474** Observations: **1,233 of 1,233**

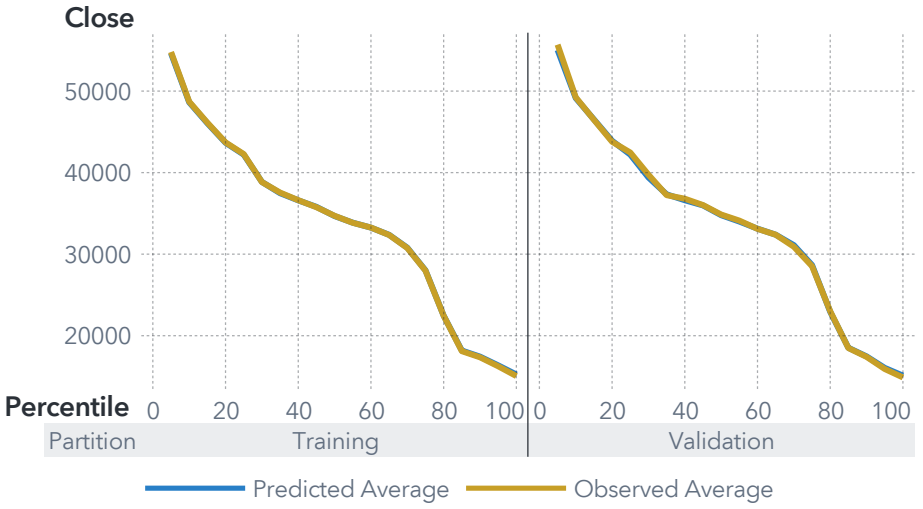
## Variable Importance




## Iteration Plot



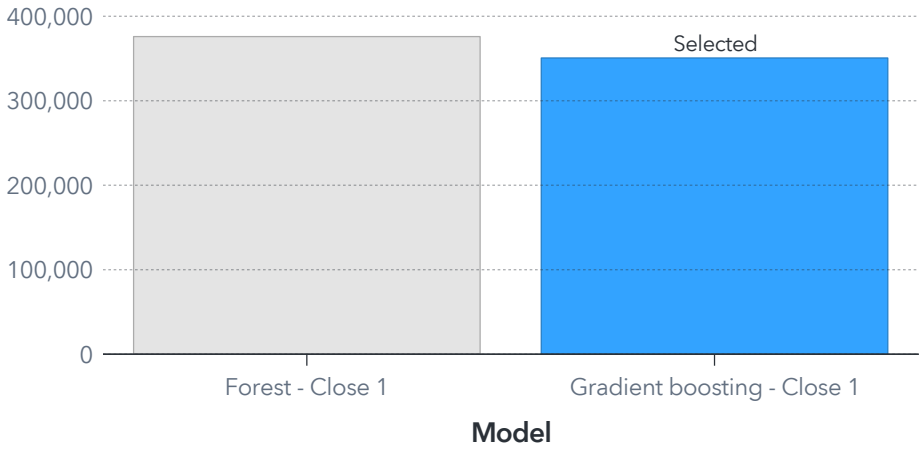

## Assessment



*Model Comparison* **Close**

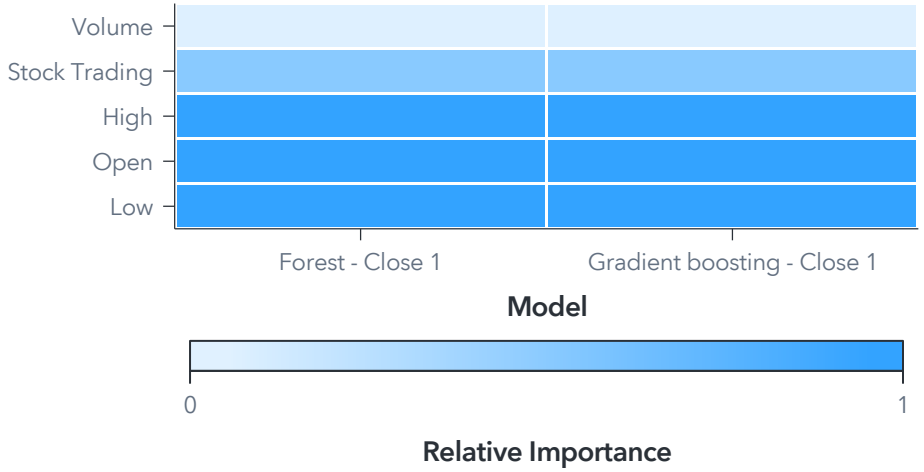
## Fit Statistic

**ASE (validation)**

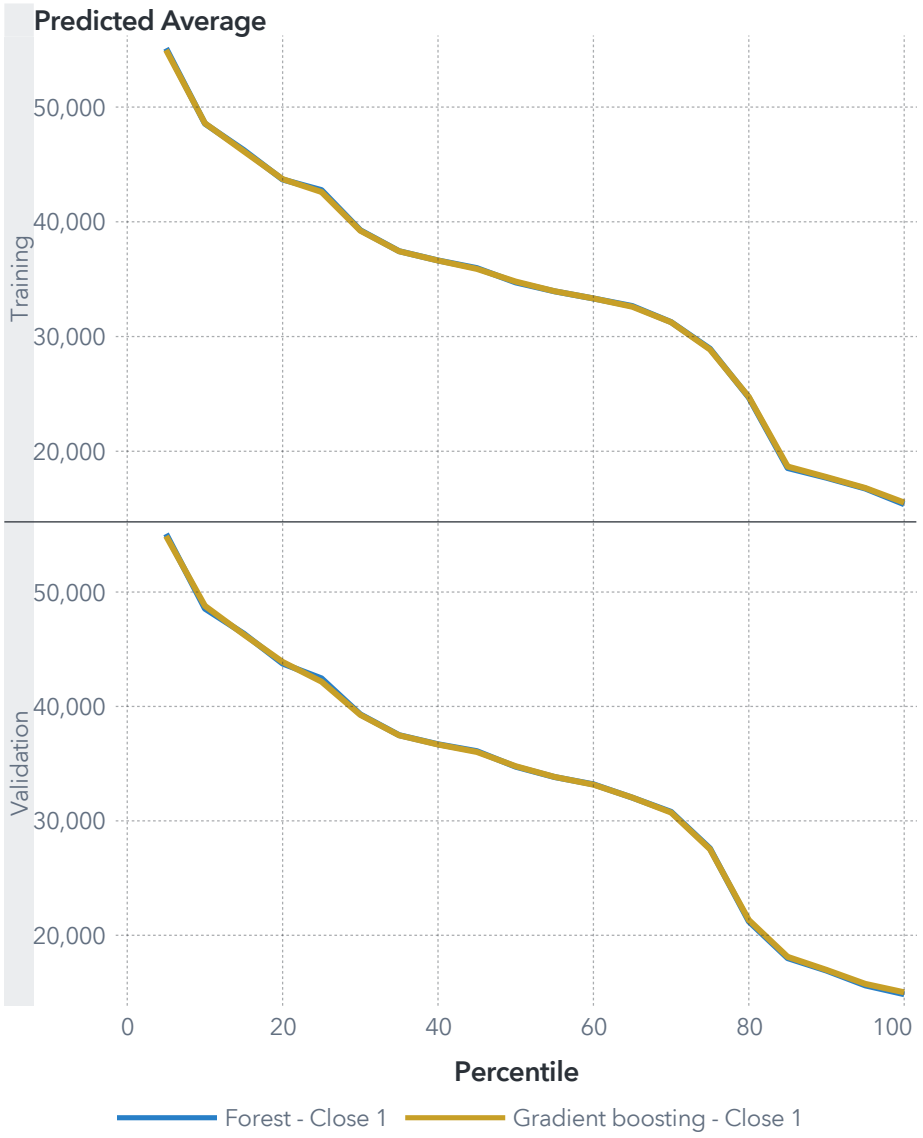



## Relative Importance

**Variable**




## Assessment

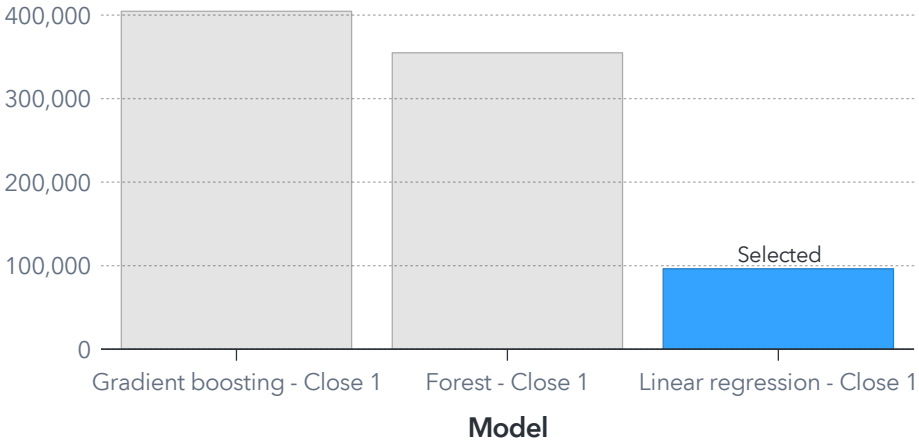


# Model Comparison 2 (with Linear Regression)

*Model Comparison* **Close**

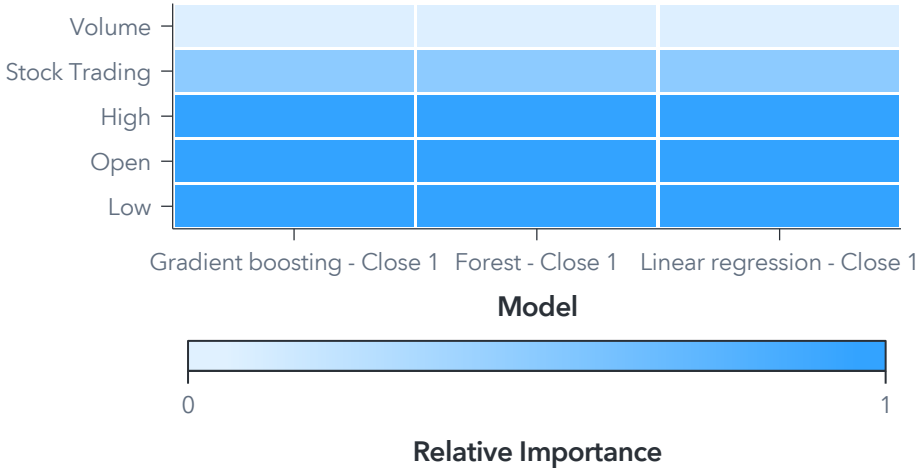
## Fit Statistic

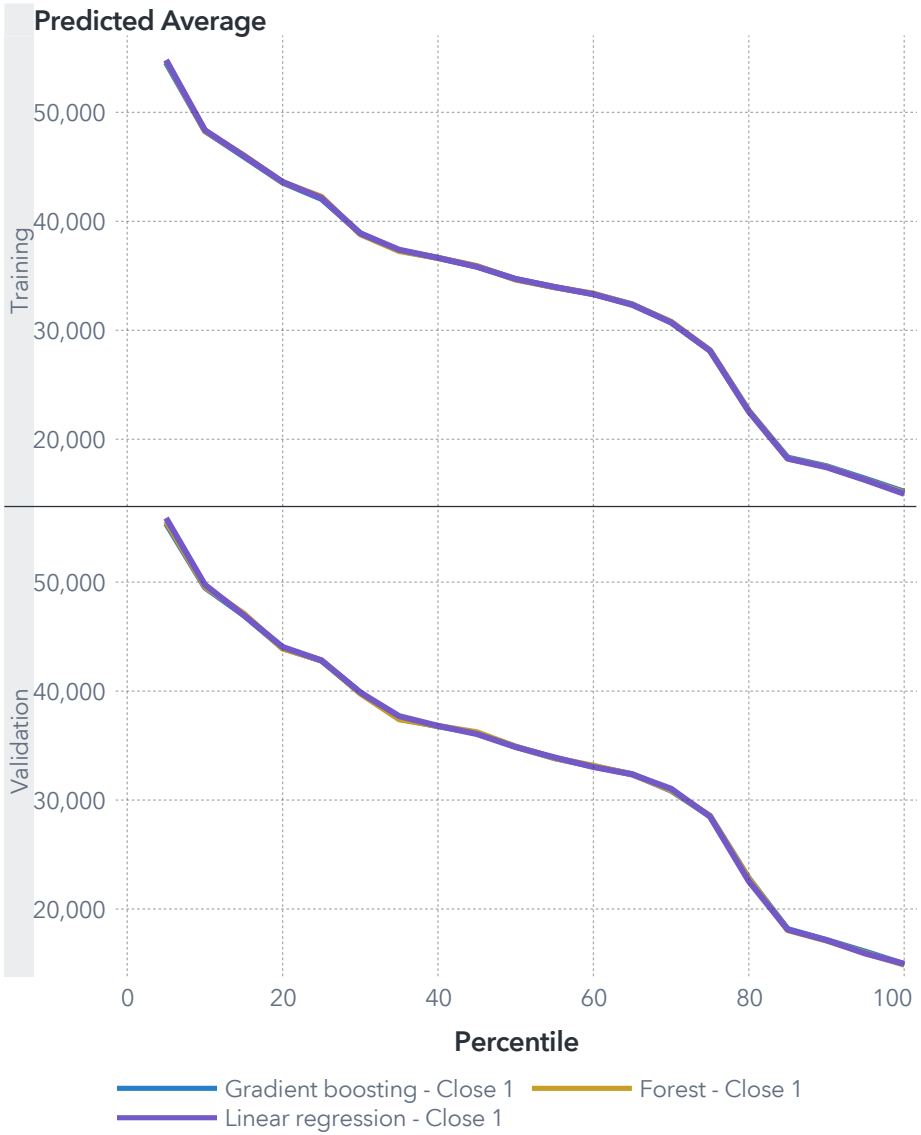
**ASE (validation)**




## Relative Importance

**Variable**




## Assessment