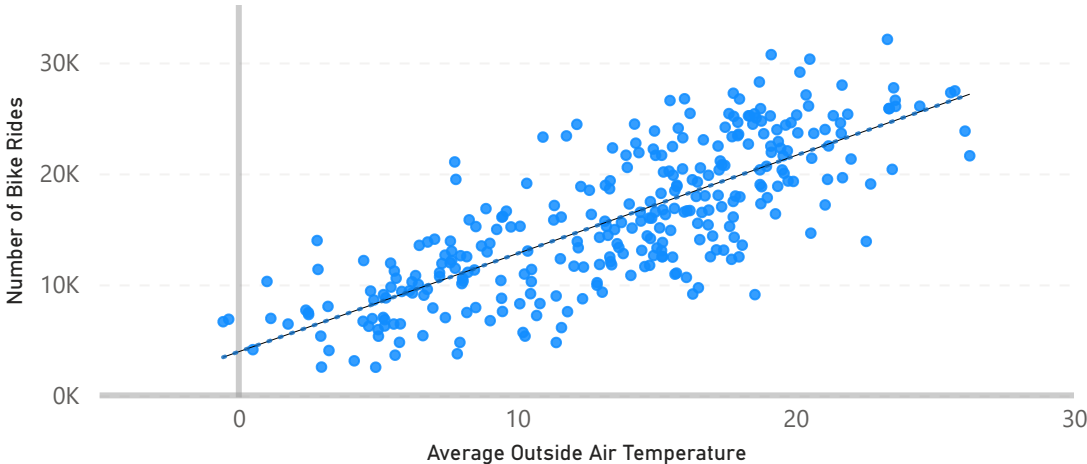


Helsinki City Bikes Regression Model

Training Data *(70% of rows in database)*



Rows in Training Data

306

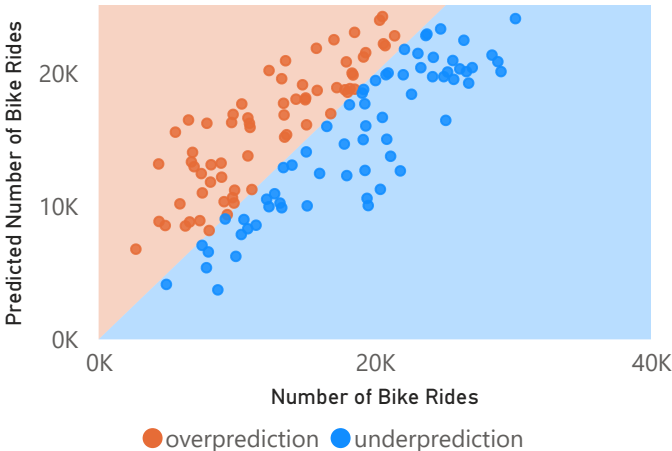
Model Gradient Value

884

Model Intercept Value

3,938

Testing Data



R-Squared Score

0.53

Mean Absolute Error

3,695

Predictive Model

A randomly selected sample of 70% of the rows in the database were used to train the linear regression model. The remaining 30% of rows in the database were used to test the fit of the model. On average the model's estimates were approximately 3700 bike rides away from the true value. Selecting a outside air temperature from the grid of temperature values to the right will provide you with the corresponding predicted number of bike rides.

Outside Air Temperature

5	8	11	14	17	20
6	9	12	15	18	21
7	10	13	16	19	22

Predicted Number
of Bike Rides

15K