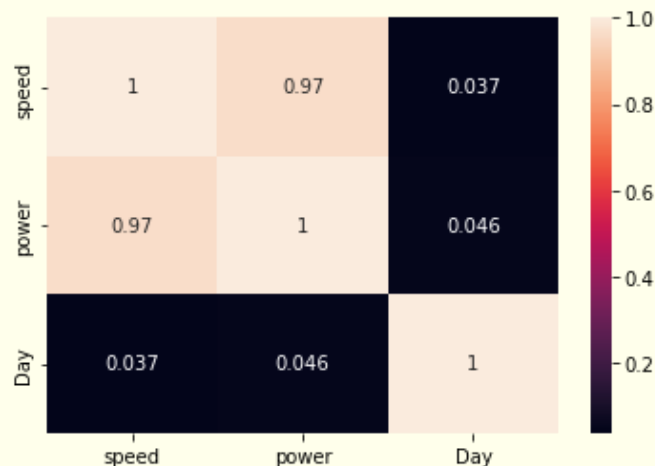


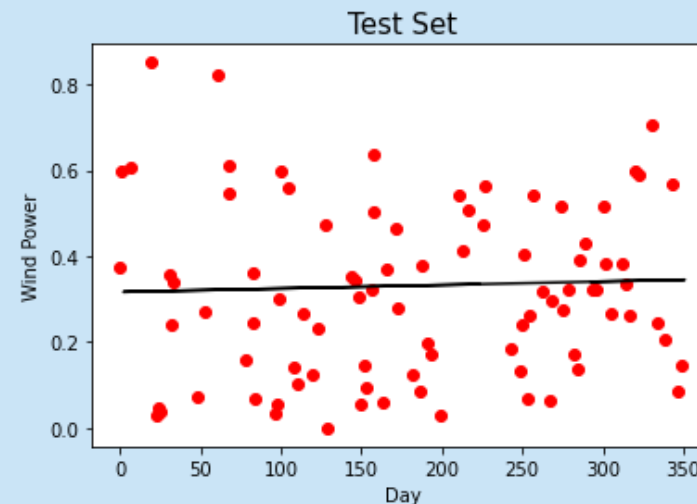
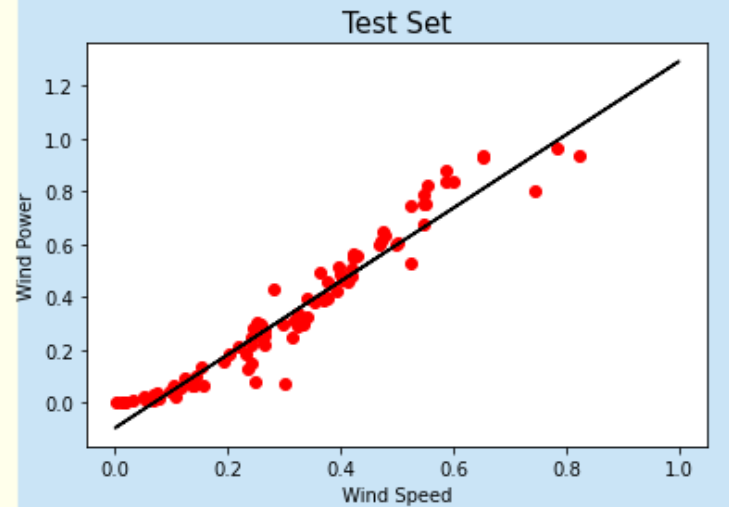
Introduction

- **GOAL:** Obtain wind power predictions
- **DATA INFO:**
 - 5 Features: Wind Speed, Wind Direction, Minute, Day, and Month
 - Target Feature: Wind Power
 - Dropped rows where wind power ≤ 0
 - Features have different units \rightarrow normalize data
 - Enforce categorical labels



Results

Collinearity



Conclusions

- Linear Regression not a great method of prediction.
- Aggregating features
- Gaussian Process Regression