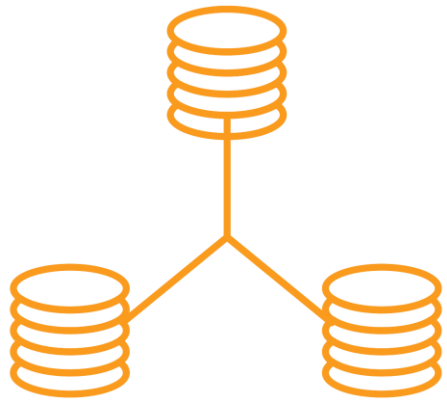




# Machine Learning to Predict the Usage of Public Bike Share Schemes

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# What is Machine Learning?



Dataset(s)

The bigger the  
better!



Learn the patterns



Make predictions

# Problem

## Skewed Usage

- Morning:

Residential / Transport Hubs



Work / University



- Evening: pattern is reversed

# Problem

## Skewed Usage

- Morning:

Residential / Transport Hubs



Work / University



- Evening: pattern is reversed

# Problem

Rebalancing required

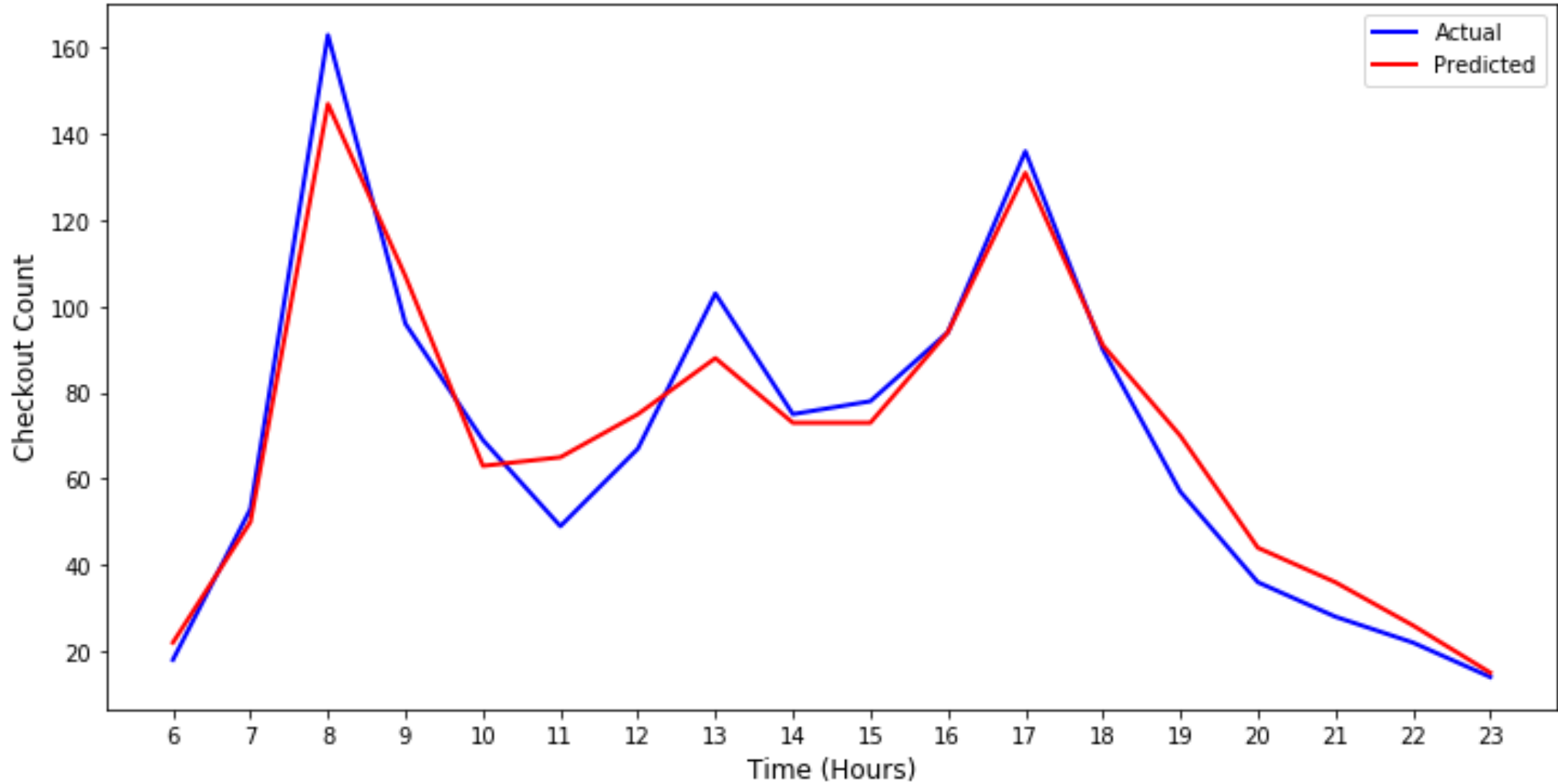


# Predict Usage with Machine Learning

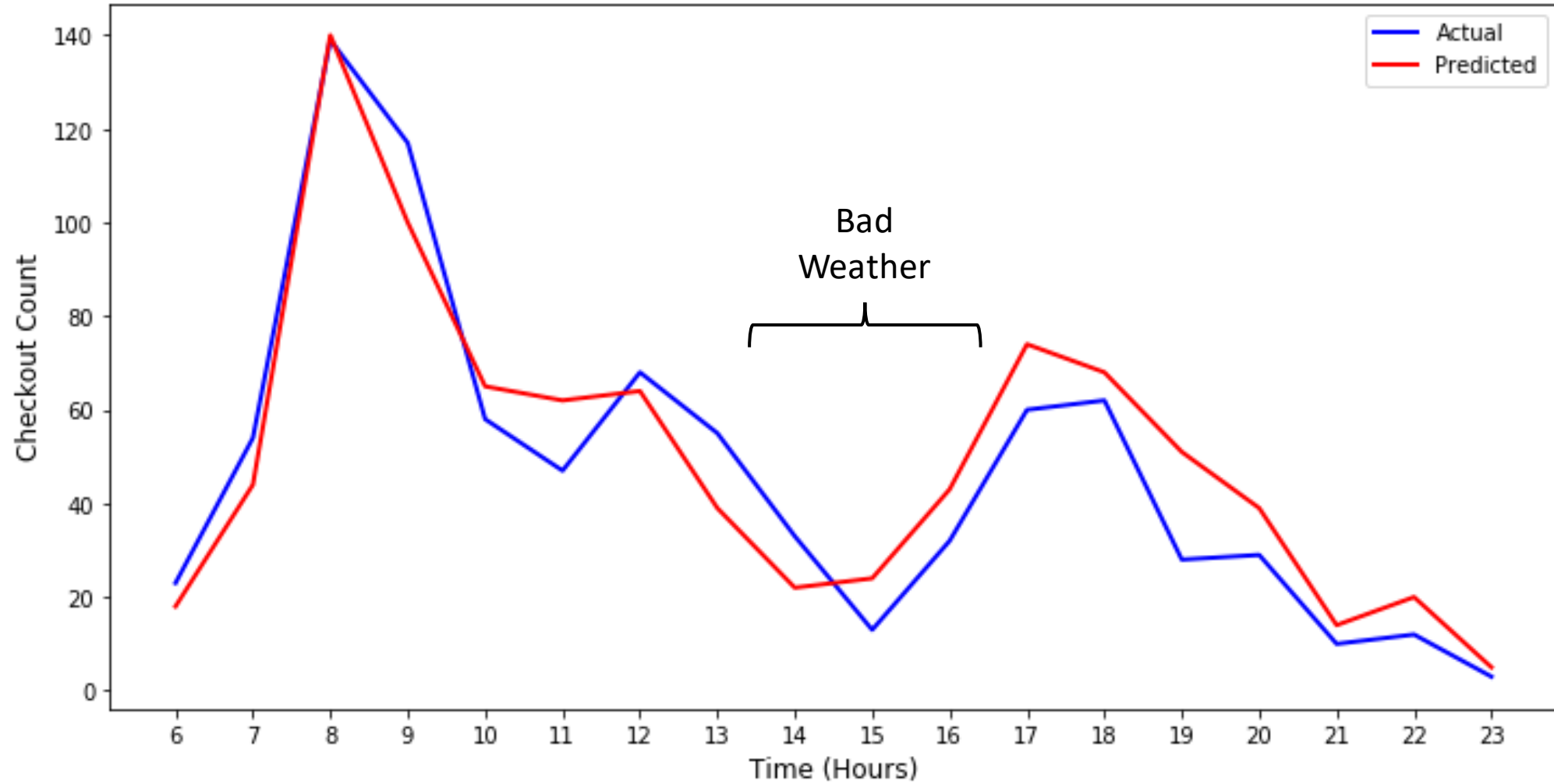
- Machine Learning requires data
  - a) Usage
  - b) Weather
  - c) Holidays
  - d) College Terms



# Results



# Results





# Thank You!

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