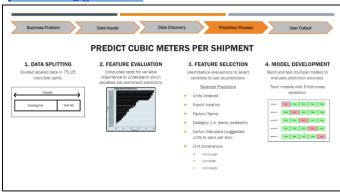
Click images to view dashboards.

joshdmark@gmail.com

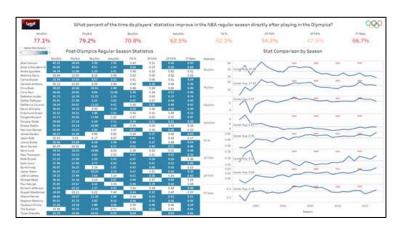


### **Supervised Machine Learning**

How can we accurately predict the number of ocean containers required for shipment?

Tools: Decision Trees, Regression, Outlier Detection

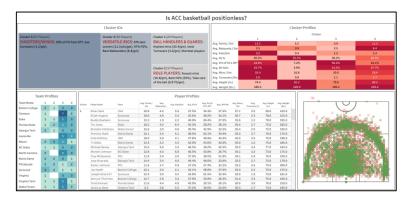
Thesis Paper Overview Ppt



### **Descriptive Analytics**

Does playing in the Olympics help NBA players? A look at player statistics after the Olympics.

## **Josh Mark Work Samples**

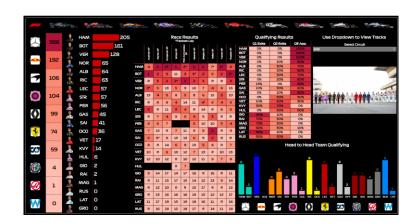


## **Unsupervised Machine Learning**

Are the 5 basketball positions outdated? A clustering exercise to find out.

Tools: K-Means clustering, tidyverse data cleaning

Summary Article R Code

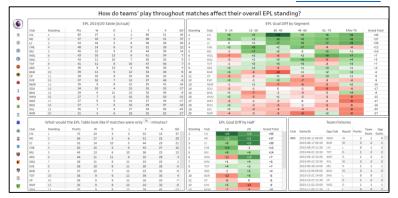


#### **Data Visualization**

Dashboard for team & driver performance during the 2020 Formula 1 season.

R Code

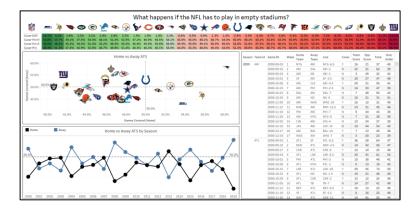
JM Repositories
Github
Tableau Public



#### **Simulation**

What if English Premier League matches were only 75 mins? How would the standings differ?

Tools: Scenario Analysis, For loops, SQL R Code



# **Descriptive Analytics**

If fans aren't allowed at NFL games, which teams benefit the most, or least?

R Code

R Code