Drafting by the Numbers: Predicting NBA Selections and Success with Data

Preparation

Data Collection → Data Cleaning/Reformat

EDA

Create Analysis Scripts → Execute Visualizations → View Summary Statistics → Correlation Analysis → Initial Hypotheses

Review of Initial Findings & Consultation → Decision Point for Findings

- Not Adequate
- Adequate

Model Creation

Select the Target Variable → Split into Training and Testing Sets → Machine Learning Algorithm Selection → Model Training → Model Evaluation → Decision Point for Findings

- Accurate Model → Conclude Findings in Paper → **Finish**
- Poor Model → Hyperparameter Tuning