

SUPERBOWL LVI PREDICTION



Akshay Ganesh
Akshay Harish
Garvit Gupta
Prashasti Sharma
Rohit Cherian Bijoy

40

50

40

30

STRATEGY

01

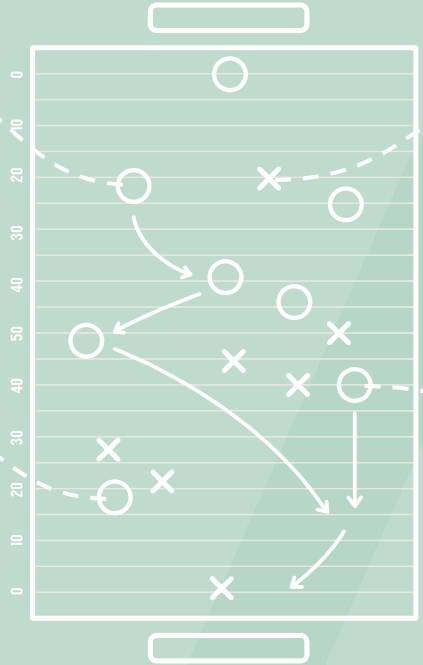
COMPARISON FRAMEWORK

Identifying similar opponents
for Rams & Bengals

03

PLAYER STATISTICS

Quarterback contribution to
team performance



02

TEAM STATISTICS

Overall season
performance for all teams

04

EXTERNAL FACTORS

Betting statistics, weather,
home-advantage

30

40

50

40

30

PREDICTION ALGORITHM

COMPARISON FRAMEWORK

- Used K-Means to identify most similar matches LA Rams played against Cincinnati Defense (and vice versa)
- Used Cluster Averages as input to Team Statistics model

TEAM STATISTICS

- Collected data of all matches in '22 season
- Ran regression to understand variable importance
- Selected XGBoost as final model to predict team score

PLAYER STATISTICS

- Used Linear Regression to model Stafford(Rams) & Burrow(Bengals) stats
- Used Staffords previous stats & Burrows current season to predict team score

FINAL PREDICTION

30

40

50

40

30

LA Rams wins the Superbowl!

29



23



Based on betting statistics, weather & home advantage, LA Rams win with a probability of 80%.

30

40

50

40

30