ZS ASSOCIATES TECHNICAL ROUND

IPL DATA ANALYSIS

Objective

- To provide analysis of IPL Data for devising strategy and better game plan.

DATASET

The Dataset is obtained from Kaggle

Data Set List:

1. Matches

2. Deliveries

Deliveries has data about ever ball in every match, season-wise. It includes number of runs scored, batsman, bowler, wide runs, no ball details, wickets, etc., for every match played in the past 12 seasons.

DATASET

- The Data in matches file includes the following fields:
- Season
- Match Date
- Toss Winner
- Toss Decision
- Winner
- Win by Runs
- Win by Wickets
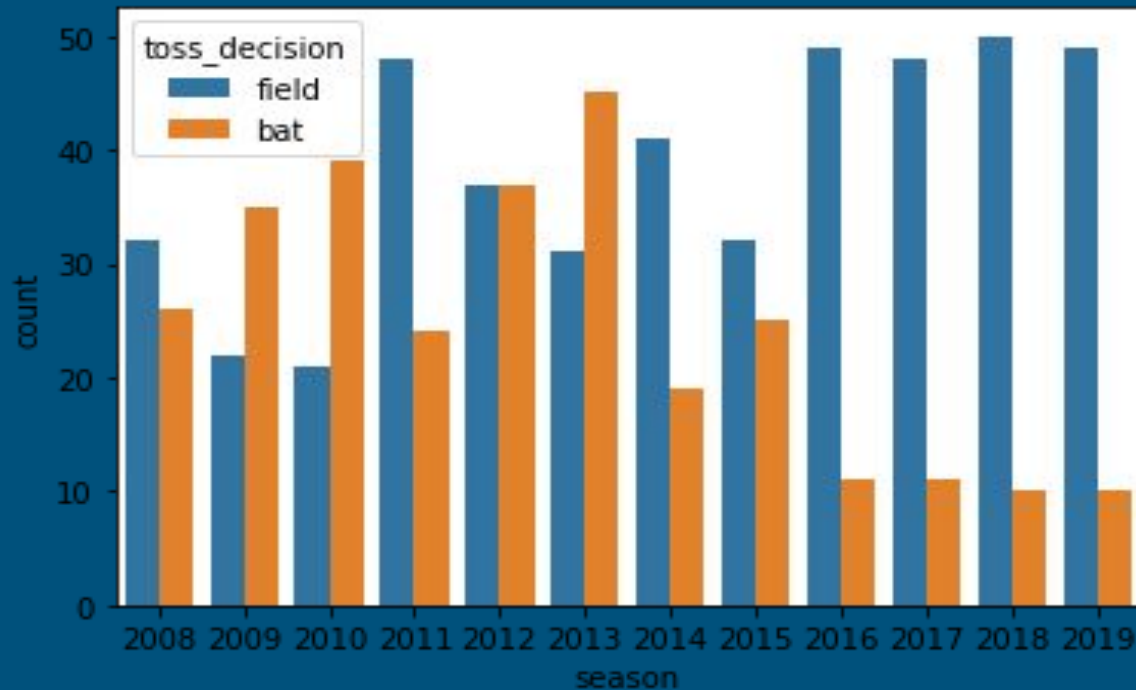- Venue
- Player of the Match

l1.

DATA CLEANING

- Most of the data was clean and had no null values
- There were issues with Naming of the Venues as some venue names were shortened in a season and some venue names were changed.Changes were made accordingly to the dataset
- The Umpire Columns are dropped as they don't offer any significant inference.
- Delhi Daredevils have changed their name in the 2019 season to Delhi Capitals.Since they had been in only one season and have the same team and infrastructure,they are considered as Delhi Daredevils.
- However,Sun Risers Hyderabad were treated different to Deccan Chargers
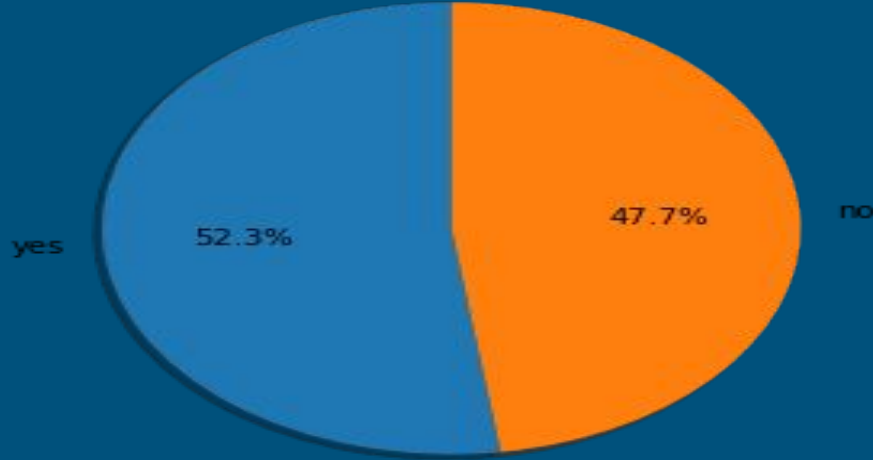- All the Abandoned games have been removed.
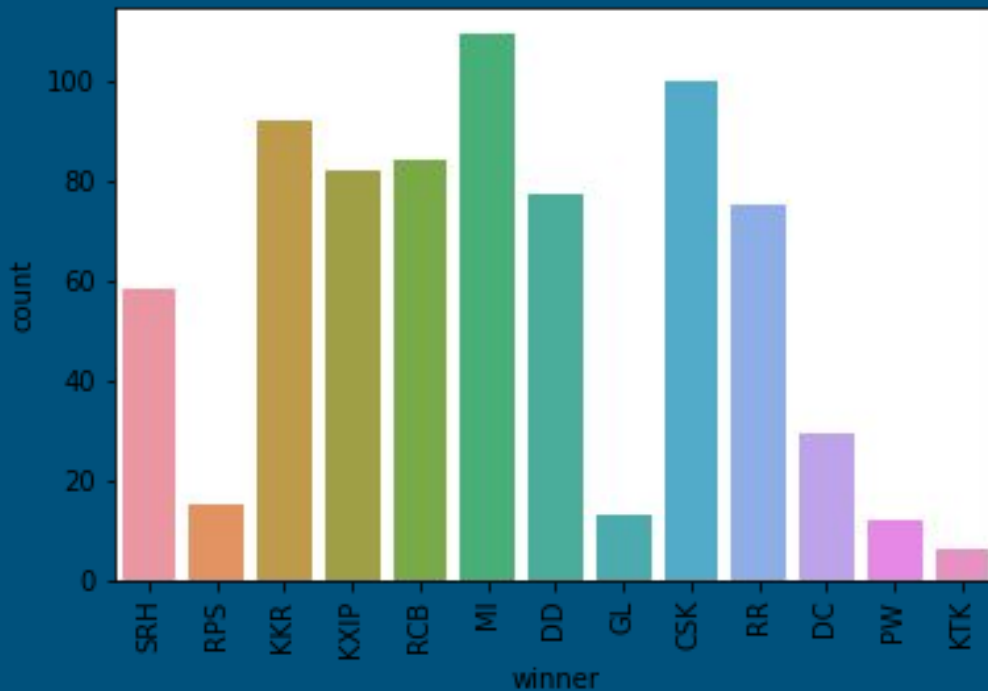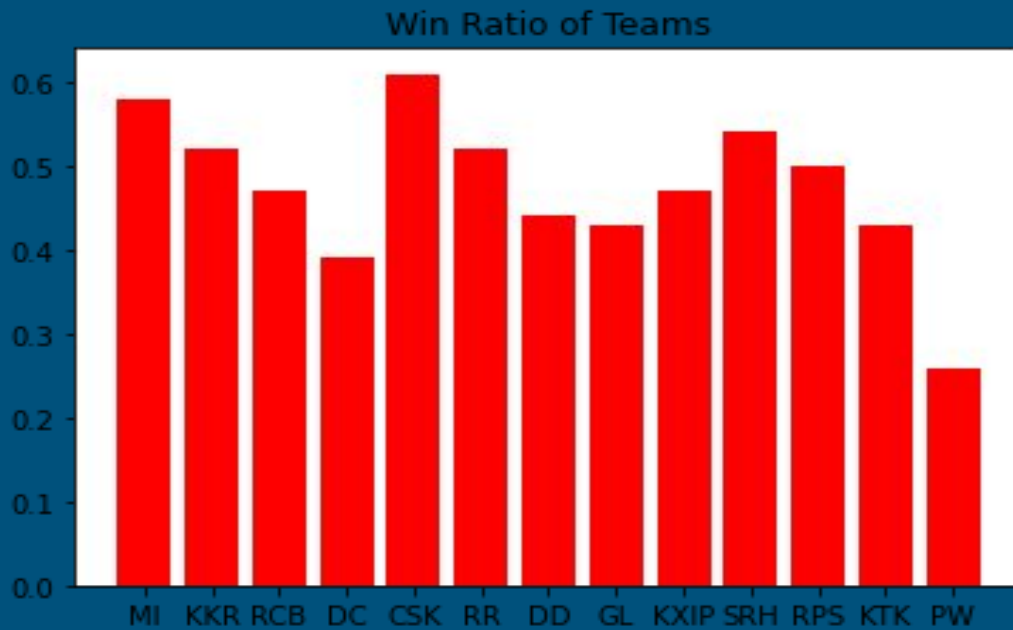
MATCHES PER SEASON
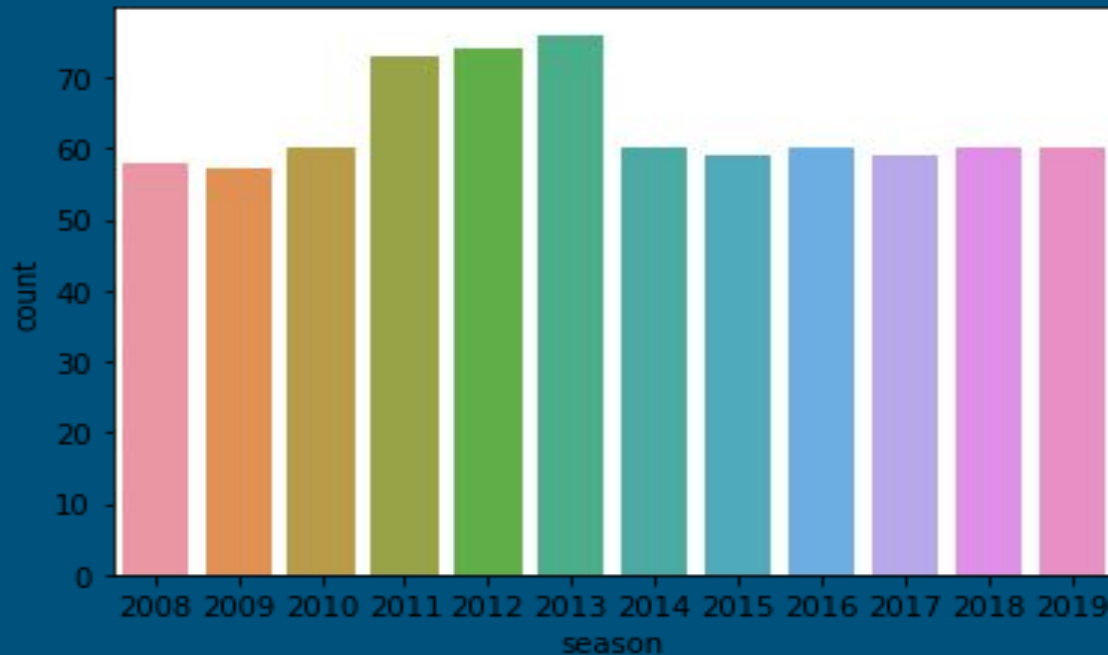
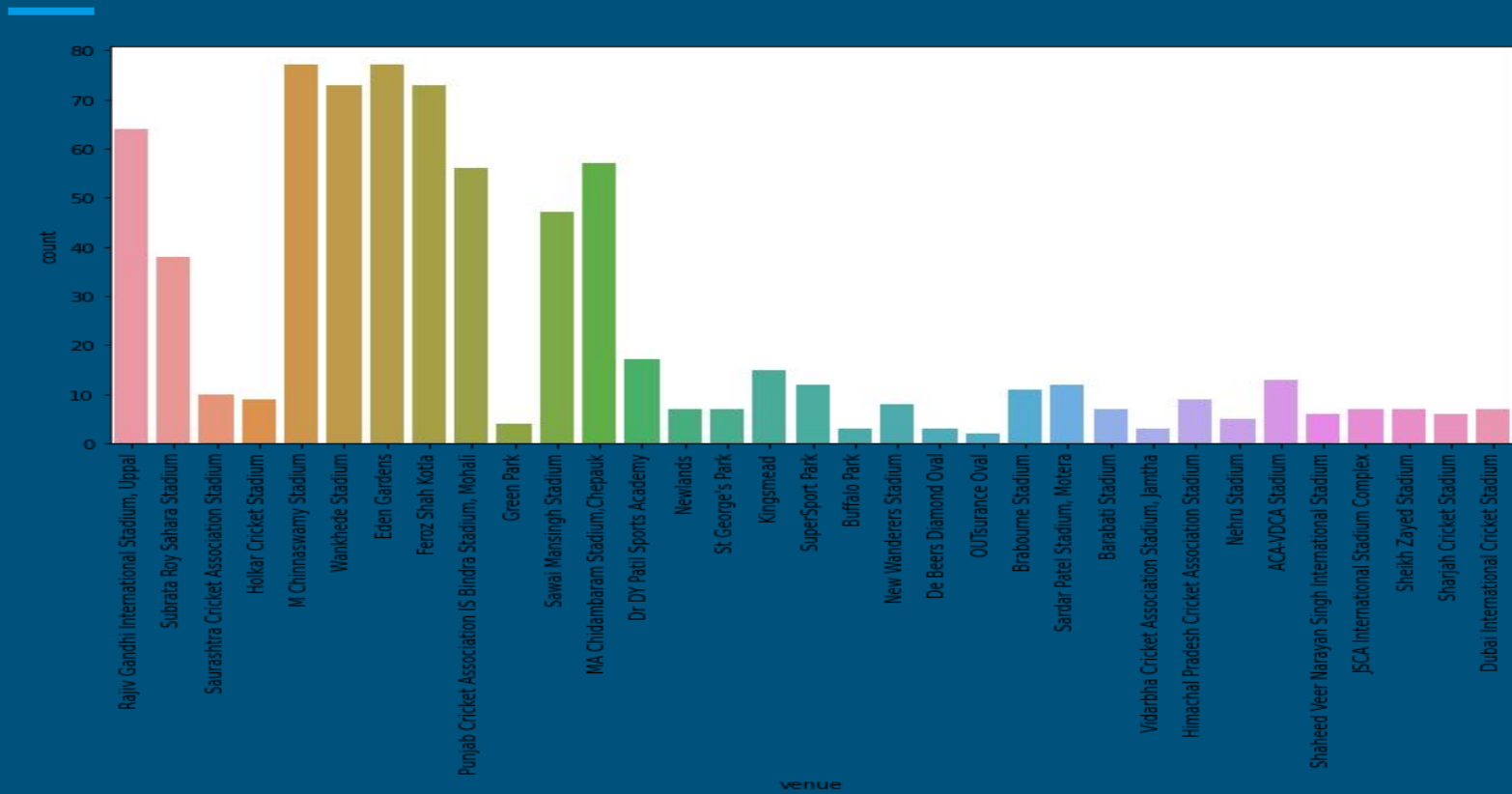# DECISION OF TOSS

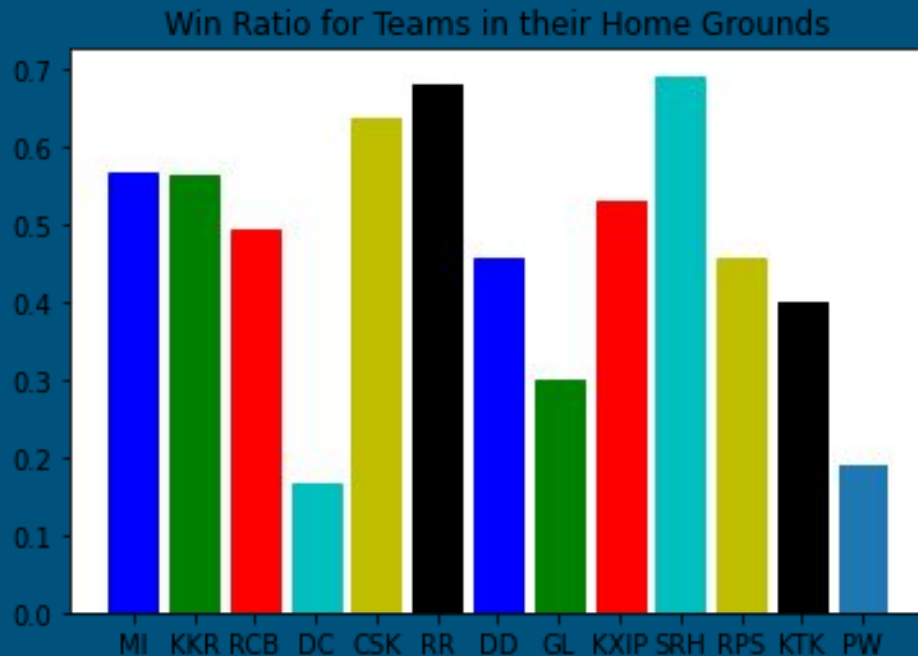# IMPACT OF TOSS ON MATCH RESULT
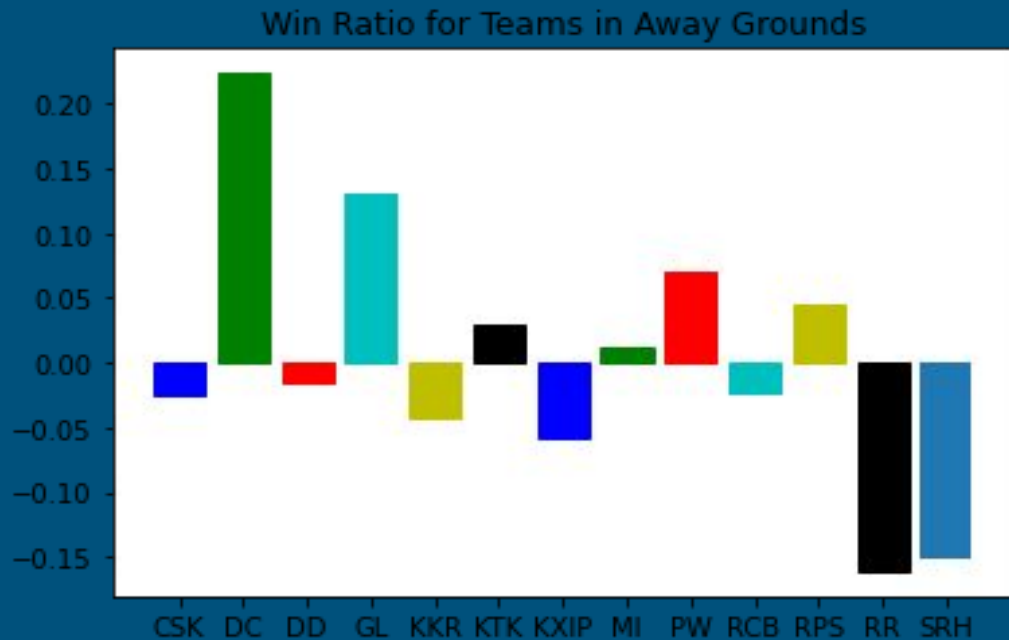
MATCHES WON BY EACH TEAM

HIGHEST WIN RATIO

Win Ratio of Teams

MATCHES AT EACH VENUE

Win Ratio of Teams in Home Grounds

Win Ratio for Teams in their Home Grounds

Win Ratio in Away Grounds

Win Ratio for Teams in Away Grounds

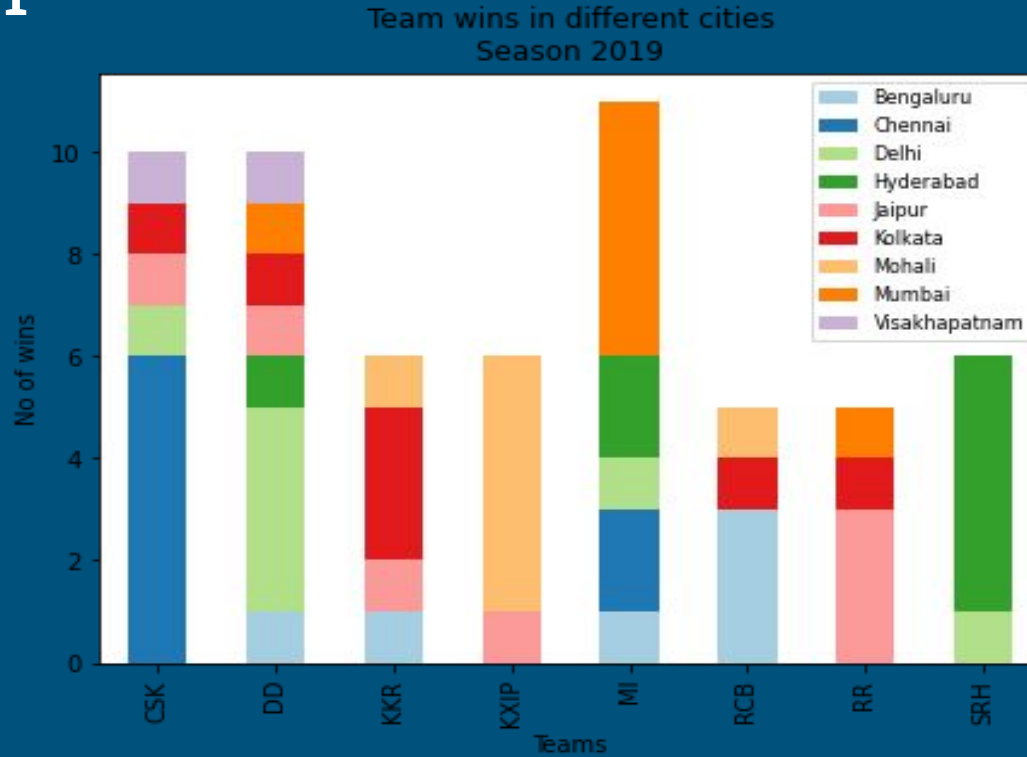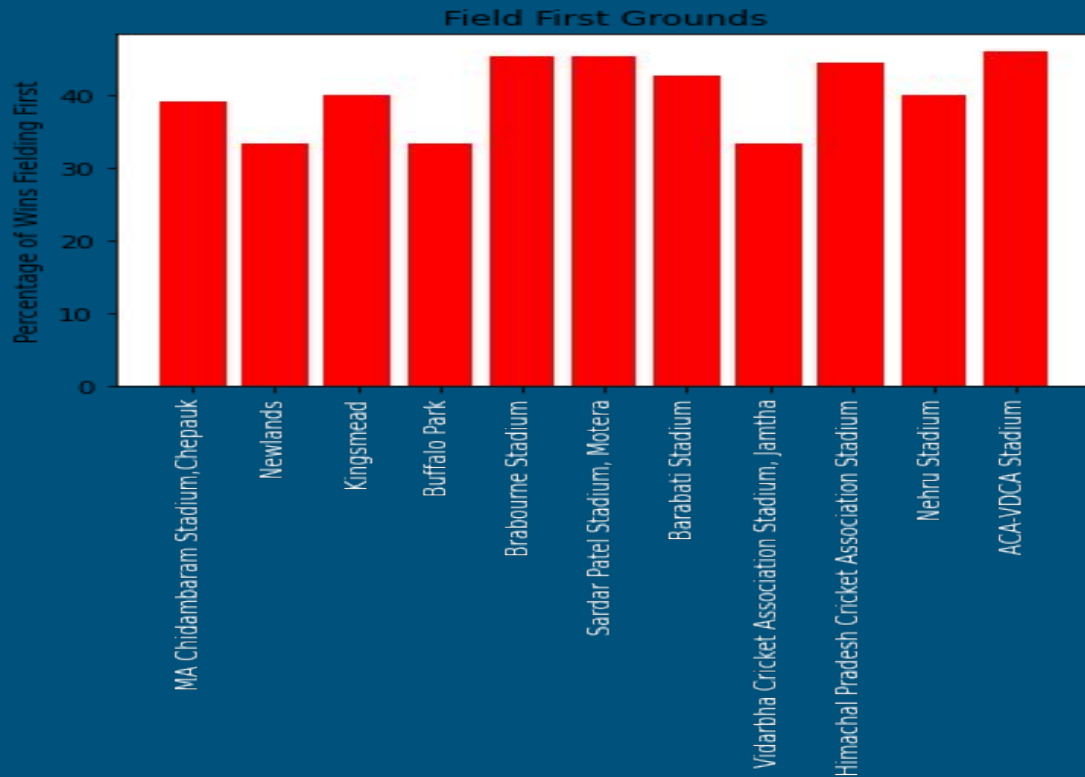# TEAM WINS IN DIFFERENT CITIES 2019 Season

BAT FIRST VENUES

Bat First Grounds
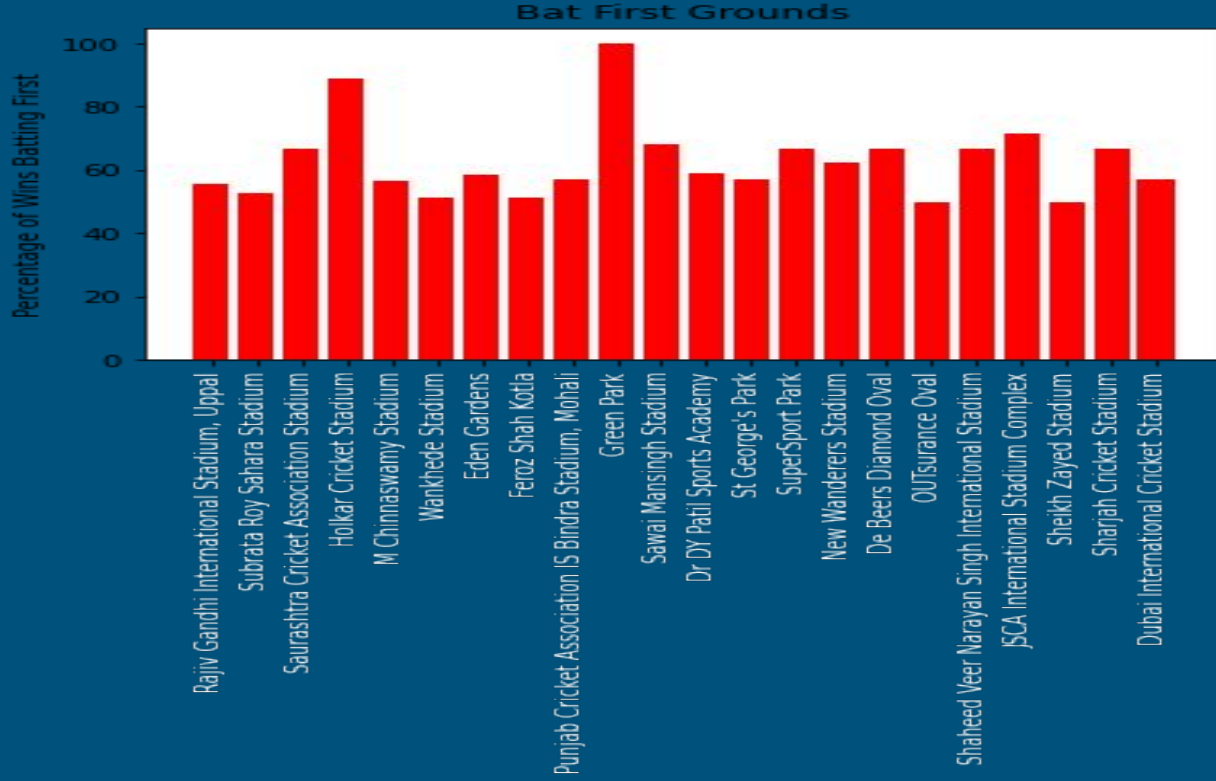
BOWL FIRST VENUES

TOP BOWLERS IN IPL