**IPL (Indian premier League)**

**Insights to Generate from the Project**

1. **Title, Orange Cap, and Purple Cap Winners**

* **What to find:**
  + The **IPL Champion** (title winner) for each season.
  + The batsman with the most runs (**Orange Cap** winner) each season.
  + The bowler with the most wickets (**Purple Cap** winner) each season.
  + Total **6’s** and **4’s** hit in each season.
* **Insights:**
  + Spot trends: e.g., dominant teams or players over the years.
  + Correlation between top performers and team performance.

2. **Batting and Bowling Statistics**

* **What to find:**
  + Develop comprehensive stats (runs, strike rates, averages for batsmen; wickets, economy, strike rates for bowlers).
  + Interactive filter to select specific batsmen/bowlers and visualize their stats over time or per season.
* **Insights:**
  + Superstar consistency or breakthrough seasons.
  + Player performances at various venues or in different conditions.

3. **Winning Percentage Based on Toss Decision**

* **What to find:**
  + Analyze how often teams win when choosing to bat or field after the toss.
* **Insights:**
  + Strategic patterns (does batting/fielding first give an advantage?).
  + Venue-specific toss impact.

4. **Matches Won by Venue**

* **What to find:**
  + Number of matches won by each team at different venues.
* **Insights:**
  + Home advantage effects.
  + Certain teams’ preference or success in particular stadiums.

5. **Total Wins by Teams in Each Season**

* **What to find:**
  + Team-wise win tally per season.
* **Insights:**
  + Dominant or underperforming teams.
  + Shifts in IPL power dynamics.

6. **Matches Won Based on Result Type**

* **What to find:**
  + Matches won by methods (normal wins, super overs, DLS, etc.).
* **Insights:**
  + Frequency of close matches or matches affected by weather.
  + Teams that perform well in high-pressure/unique situations.