**Project 2(Python + Stats)**

**Data Name: - Matches 2024**

**📊 Exploration**

1. **How many matches were played in each city?**
2. **What is the average target score across all matches?**
3. **How many matches did each team win?**
4. **Which player won the most "Player of the Match" awards?**
5. **Which venue hosted the most matches?**

**🧮 Statistics & Aggregation**

1. **What is the mean, median, and standard deviation of result\_margin for matches won by runs?**
2. **What is the correlation between target\_runs and result\_margin (for matches won by runs only)?**
3. **Calculate the win percentage of each team.**
4. **What is the distribution of matches won by wickets vs. by runs?**
5. **Is there a significant difference in the average target score when the toss decision is "bat" vs "field"?**

**🔍 Filtering & Grouping**

1. **How many matches went into a super over?**
2. **Which umpires have officiated the most matches together (umpire1 & umpire2 pair)?**
3. **Find the match with the highest result margin (by runs or wickets).**
4. **Which toss decision (bat/field) led to more wins?**
5. **Which teams have the highest win ratio when winning the toss?**