**Project 1 ( Python)**

**Data Name: - Sold Player 2024**

**🧮 Data Exploration**

1. **How many players are there in total?**
2. **How many players are Indian vs Overseas?**
3. **What is the average price of all players?**
4. **List all unique player types (e.g., Wicket-Keeper, Bowler).**
5. **Which team has the most players?**

**📊 Grouping and Aggregation**

1. **What is the total amount spent by each team on players?**
2. **Which team spent the most money overall?**
3. **What is the average price of Indian players vs Overseas players?**
4. **How many players of each type are there (e.g., how many Bowlers, Batters)?**
5. **What is the average price of each type of player?**

**🔍 Filtering and Sorting**

1. **List all players who were bought for more than ₹5 crores (50,000,000).**
2. **Who is the most expensive player in the dataset?**
3. **Which team has the most overseas players?**
4. **List all Wicket-Keepers and their respective teams and prices.**
5. **Find the top 3 most expensive Indian players.**

**🧠 Advanced/Insightful**

1. **Which team spent the most per player on average?**
2. **Create a summary showing the number of players by type for each team.**
3. **Calculate the percentage of overseas players in each team.**
4. **Who is the cheapest overseas player?**
5. **Visualize the distribution of player prices using a box plot or histogram.**

**Note:- Complete this project using python and create the dashboard on Tableau & PowerBI both. Make PPT for this final Project.**