**UEFA CHAMPIONS LEAGUE ANALYSIS**

**Problem Statement:**

To conduct a comprehensive analysis of UEFA Champions League dataset to answer various business questions and visualize the findings using Tableau.

**Business Requirements:**

1. The clubs with the most number of titles.
2. Top coaches by appearances in the history of the league.
3. Top clubs by the most no of goals scored (at least 300).
4. Top goal scorers in the history of the league.
5. Top players with the most no of appearances in the league.
6. Top clubs by the most no of games played in the league (at least 200).
7. Countries with the most no of titles.

**Steps Followed:**

1. Data was imported to Tableau in CSV format.
2. Firstly, ‘All Time Ranking by Club’ dataset was chosen as the data source and a map was plotted to visualize the countries with the most no of titles.
3. Next, a bar chart was plotted to show the clubs with the most no of titles.
4. Continuing, two bar charts were plotted side by side to show top clubs by the no of goals scored (both for and against) (at least 300).
5. Now, the top clubs by games played were visualized using a bar chart (at least 200).
6. The data source was now changed to ‘Player Goal Details’ to continue with the visualizations.
7. A bar chart was plotted to represent the top 10 players by the no of goals scored in the league’s history.
8. Then, the data source was changed to ‘Coaches Appear Details’. A bar chart was plotted to represent the top 10 coaches by the most no of appearances in the league’s history.
9. Lastly, the data source was changed to ‘Player Appear Details’ and a bar chart was plotted to represent the top 10 players by the no of appearances made.
10. Finally, all the visualizations made were brought together to form the final dashboard.

**Key Findings:**

1. Real Madrid CF has won the most number of titles.
2. Carlo Ancelotti is the coach with the most number of appearances in the league.
3. Real Madrid CF is again the top club having scored the most no of goals.
4. Cristiano Ronaldo is the highest goal scorer in the league followed closely by his all-time rival Lionel Messi.
5. Cristiano Ronaldo and Iker Casillas top the list of players with the most number of appearances in the league.
6. Real Madrid CF tops the list of the clubs with the most number of games played followed by FC Bayern Munich and FC Barcelona.
7. Spain tops the list for the countries with the most number of titles.