

Pro-Kabaddi League Analysis

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Introduction:

Pro Kabaddi League is an Indian Professional Kabaddi League. It was Launched in 2014. It has great popularity in India and many other different countries. The inaugural season was seen by 43.5 **crores** (435 million) viewers, second to the 2014 **Indian Premier League's** 55.2 crores (552 million). In the Final term project, we are going to make a web application that will show various visualizations and analyses of the Pro-Kabaddi League data across all the seasons. In our analysis, we are going to show many match-specific and player-specific statistics and also show which conditions are affecting the match results and based on that we will create a naive win predictor.

About Dataset:

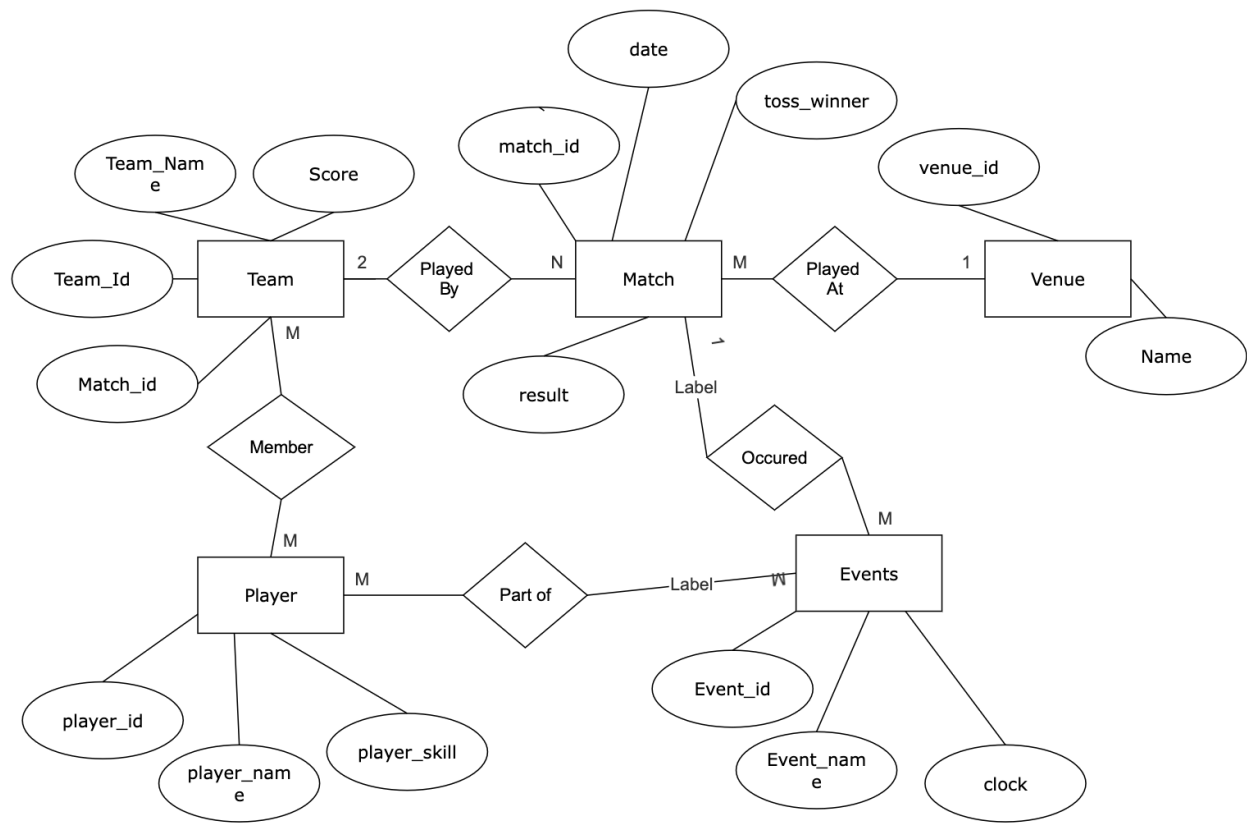
In this project, we are going to use a dataset that is available on Kaggle. The dataset contains information about matches, players, and seasons along with events that occurred during the match. The dataset contains the above-mentioned details of 7 seasons starting from 2014 to 2021.

Link of Dataset:

<https://www.kaggle.com/datasets/sripaadsrinivasan/prokabaddiseason17stats>

ER Diagram:

The figure below shows the preliminary ER Diagram of our database. The Finalized ER Diagram will be submitted along with the final project report.



Technical Details:

The project will build a Python script to download and prepare the preliminary data set which we are going to insert into the MySQL database. On top of that, The entire web application will be built using Java-based Web Framework (Servlet and JSP) and JavaScript.

Conclusion:

In sum, we are going to build a web application that will show some analytical statistics about the Pro-Kabaddi League and also create a naive predictor.