**Data Visualization Project: IPL team auction data.**

**Problem Statement**: Create an interactive dashboard which shows IPL auction statistics over the years such as:

* Amount spent by teams each year
* Highest amount paid by each team on a player
* Player roles selected by each team
* Distribution of amount by teams among Indian and Overseas players
* Individual player amount over the years
* Average amount each role gets in the auction

**Step1: Data Gathering**

* I am using IPLPlayerAuctionData dataset available on Kaggle for this project.

**Step2: Data pre-processing**

* Uploaded this file in Microsoft Excel.
* Performed data formatting

- Column width adjustment

- Removed missing value column

- Corrected team names

- Formatted as Table

- Removed one missing value

- Renamed Punjab Kings to Kings XI Punjab (Find & Replace)

- Renamed Gujarat Lions to Gujarat Titans

- Renamed Rising Pune Supergiant and Pune Warriors to Lucknow Super Giants as this is the latest name by owner (Find & Replace)

**Step3: Data Visualization using tableau**

Connected to the excel file in tableau

Created below visualizations:

* Amount spent by teams each year using Line chart
* Player roles selected by each team over the years using Line chart
* Distribution of amount by teams among Indian and Overseas players
* Top 20 players as per buying value-Bar chart
* Player roles selected by each team using Line chart
* Amount spent by teams on different roles over the years using Line chart