IPL 2023 Auction

**Description:**

**T**he IPL (Indian Premier League) auction is an event where cricket players were bought and sold by the franchises participating in the league.

**Aim:**

Visualizing the IPL 2023 player’s Auction price and Reserve price based on previous performance.

**About Data:**

The IPL\_2023\_Auction\_Sold dataset consists of 21 variables and 405 observations.

The variables of the dataset are:

Set Number, 2023 Set, First Name, Surname, Country, Association, DOB, Age, Specialism, Batting style, Bowling style, Test Caps, ODL Caps, T20 Caps, IPL, 2022 Team, 2022 IPL, C/U/A, Reserve price, Team, Auction price.

**Import Data:**

After opening the Power Bi Desktop Click on “Get data” option choose Text/CSV, Browse the data from our system and select click on open button.

After the data has opened click on “Transform Data” to check duplicate and null values in each variable/column after completion null values and duplicate values removing click on close and apply option. Now our data is ready to visualization.

**Visualisation:**

**Card:** In cards we highlighted the sum of Auction Price, sum of Reserve Price and Total number of players.

**Slicer:** We have highlighted the Teams in slicers.

**Bar Chart:** In Bar chart we highlighted the top 5 players based on Auction price.

**Horizontal Bar Chart:** By using horizontal bar chart we highlighted the top 5 players based on Reserve price.

**Donut Chart:** In donut chart we highlighted the sum of Reserve price by C/U/A.

**Pie Chart:** We used pie chart to show the batting style wise number of players.

**Area Chart:** In area chart we highlighted the average of auction and reserve prices.

**Line Chart:** Here we are highlighted the sum of both auction and reserve price based on player name by using line chart.

**Map:** The country wise average auction price has shown through map.

**Conclusion:**

**F**rom our data we found that the top 5 players based on Auction price are Sam, Cameron, Ben, Nicholas, Harry. We also found that the country and the team which has the highest auction price are Ireland and PBSK.