Olympics

International Sports Academy wants to understand performance of different countries across the globe and also popular sports in which multiple countries have taken part. They want to visualize ever year's performance in multiple factors with respect to data collected.

Consider atheletes.csv

1. Handle null values in dataset and remove unwanted symbols if any.
2. What is unique count of sports, events, and different city, and team participated in Olympics.
3. What is total count of players from United States, china, netherland, spain, France, Italy.
4. What is average age of female and male players from United states, China, Netherland, Spain, France, Italy
5. What are the different kinds of sports in which players have participated from different cities of United states.
6. What are the names of players who have brought gold, silver and bronze medal?
7. Which team has brought most number of female and male players?
8. Draw a suitable graph which depicts different events took place from 1900 to 2016.
9. What are the different sports played in different season.
10. What is average height and weight of players who participated in football, Judo, basketball.
11. How many sports and events were player in
    1992 winter,
    1994 winter
    2000 summer
    2002 winter

12. List the names of players who brought gold, silver and bronze medal.
13. What is the highest number of sports played in the year 1990, 1992, 1994, 2016.
14. What are the different sports played by female players? In which sport, most number of female players have participated. Visualize the same
15. Perform the above problem for male players as well.
16. Which city has maximum number of players?
17. Show line chart which tells variation in number of players from 1990 to 2000 of India and Pakistan. (Draw separate chart for India and Pakistan)
18. Draw pie chart to show percentage of male and female players across the world
19. Which team has won maximum number of gold, silver and bronze. Visualize the same.
20. Who is tallest and shortest player ?
21. Draw a suitable chart which shows performance of different cities belonging to biejing, London, Sydney, Los Angeles.