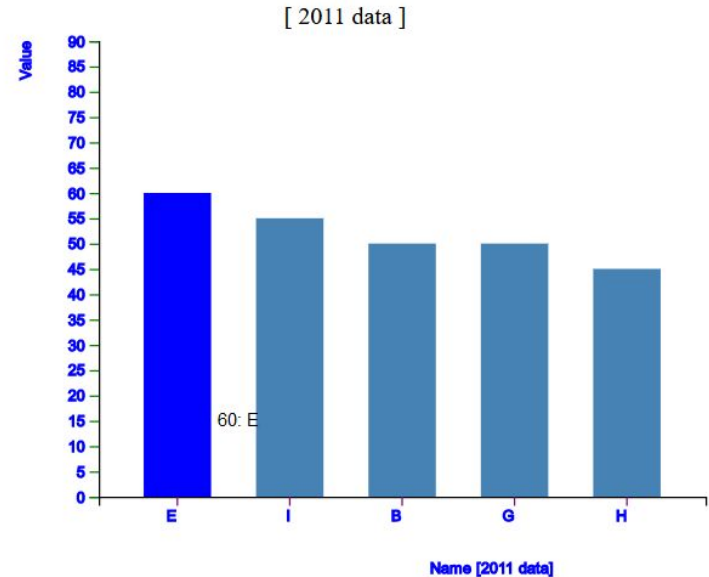


Q1

Bar: yearwise.csv

1. Create bar chart either vertical or horizontal for names vs. X - provide axes and labels.
2. Provide a slider / radio buttons/ drop down for user to choose one of the 3 years - display the bar chart for the selected year.
3. (**Bonus**) Add hover/click events to bars showing name and X value.

☒ 2011 ☐ 2012 ☐ 2013

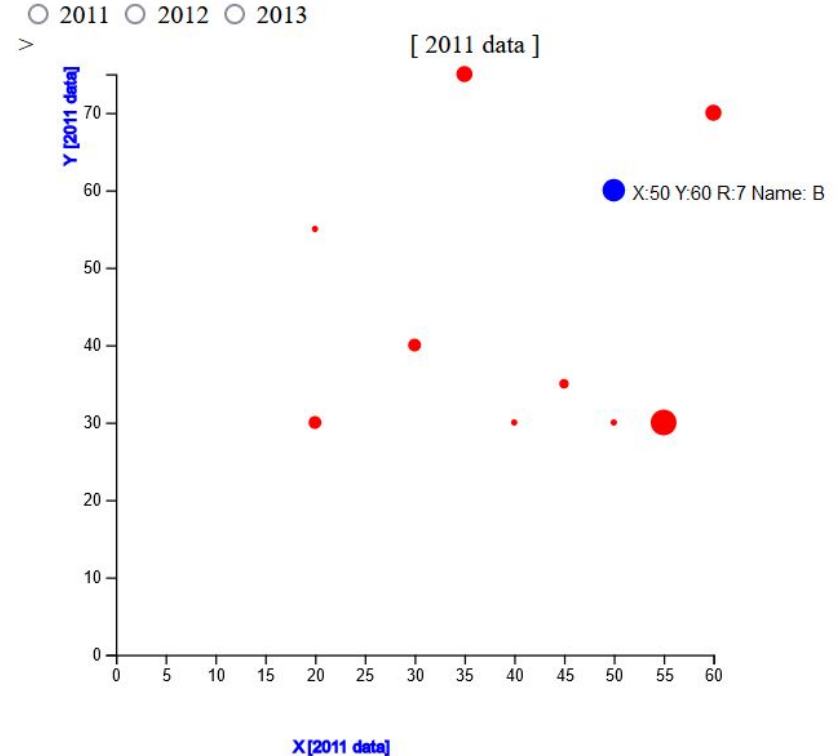


Expected Output

Q2

Scatter: yearwise.csv

1. Plot scatter for the 10 places - X,Y are the centres and R the radius of the circles.
2. Provide slider / buttons for choosing the year. Display the scatter for selecting the year.
3. (**Bonus**) On hover color change and centre,radius display



Expected Output

Q3

Line: unemployment.csv

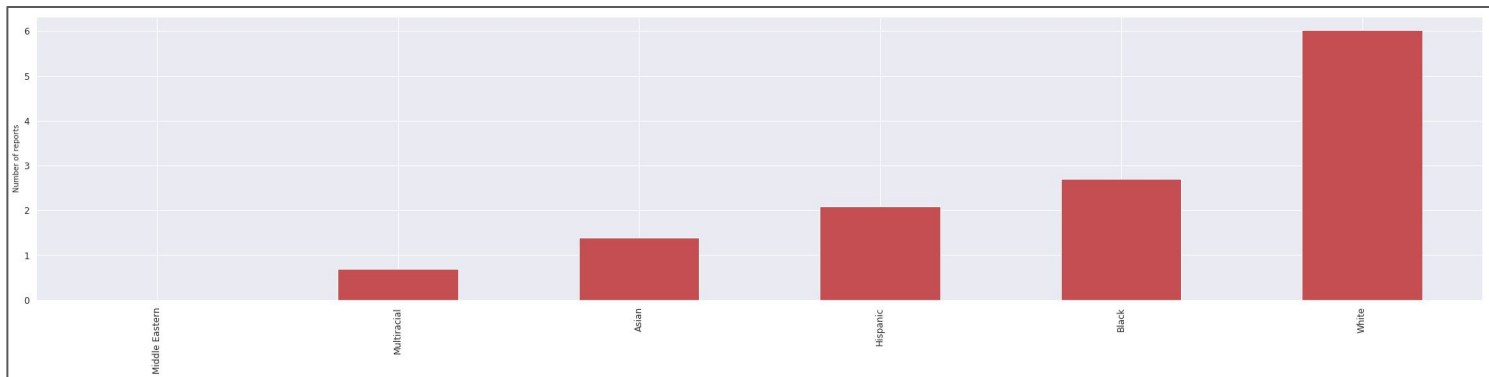
1. Create line chart from the data given.
2. (**Bonus**) Convert it using time api such that the line grows from zero to its final value over some time

Expected Output

Q4

Data: *oscar_categorywise.csv*

1. Create a bar chart detailing the groups of oscar nominees based on race.



Q4

Data: [oscar_categorywise.csv](#)

2. Create a stacked bar chart to represent the percentage of Non-white nominees in each category.

