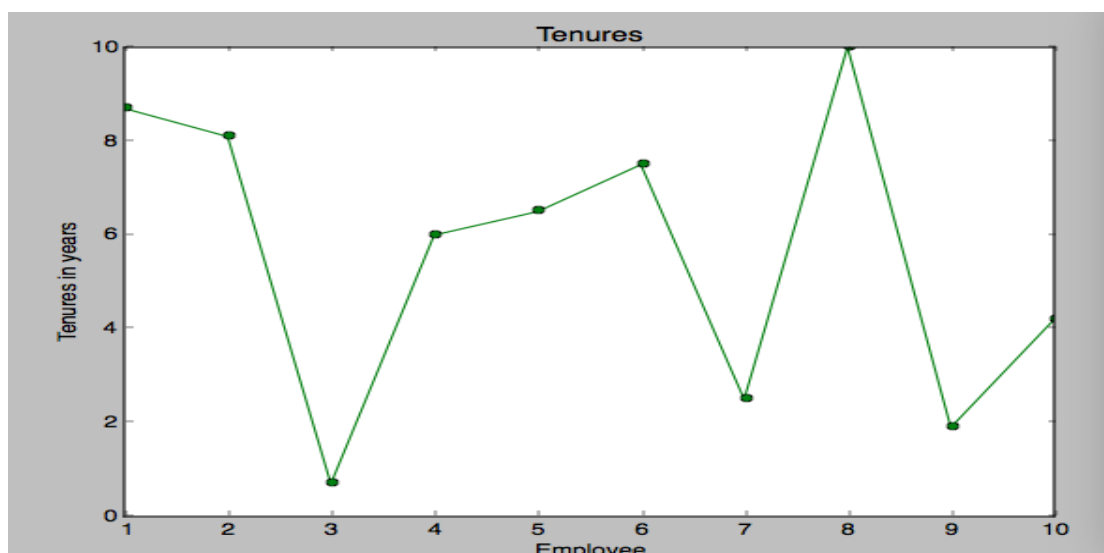
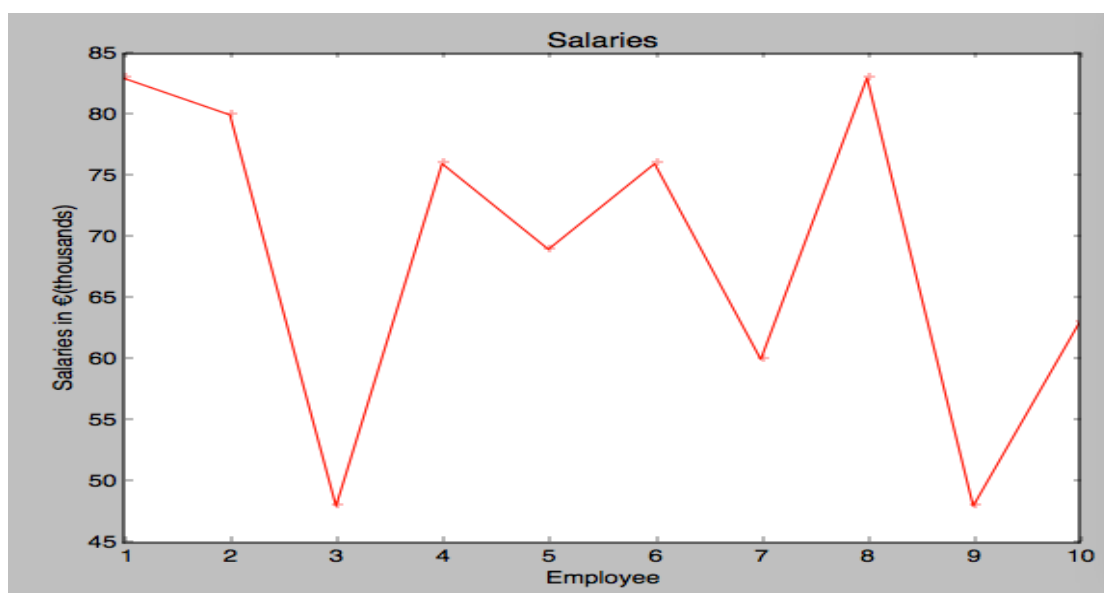
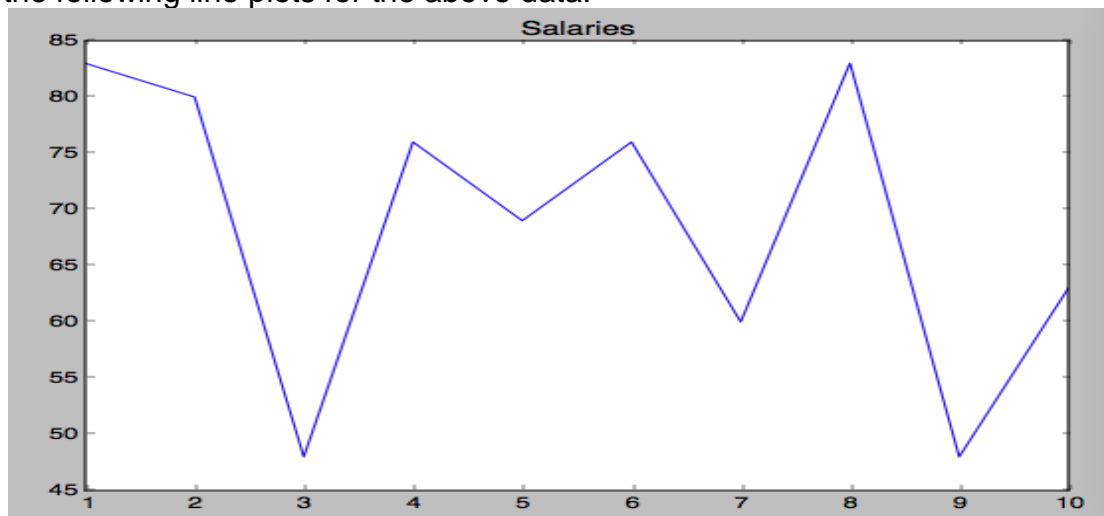


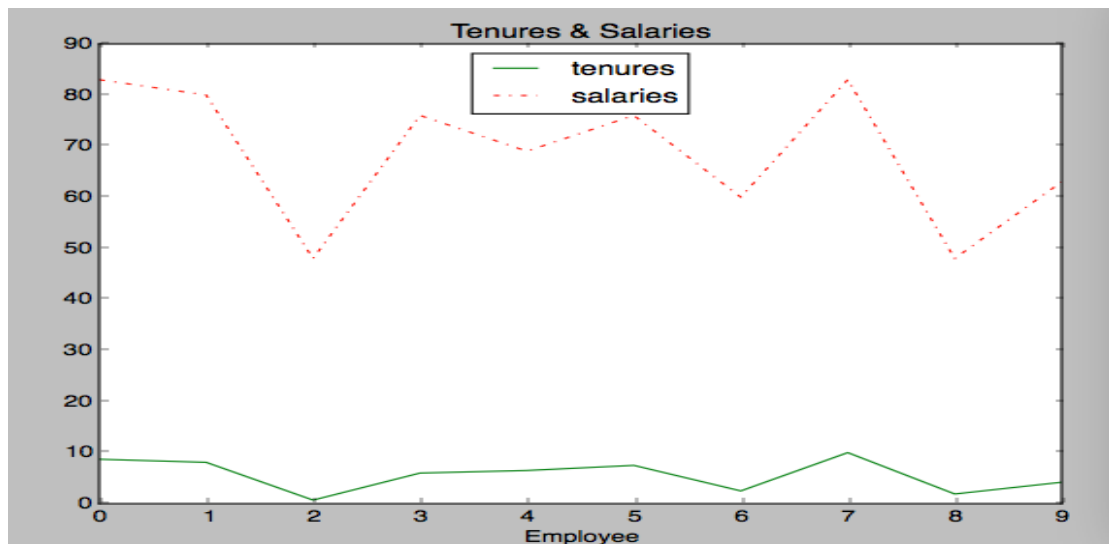
## Data Science : Lab Sheet 2 – Data Visualisations

Q1. Repeat the plots in the Data Visualisation notes in moodle.

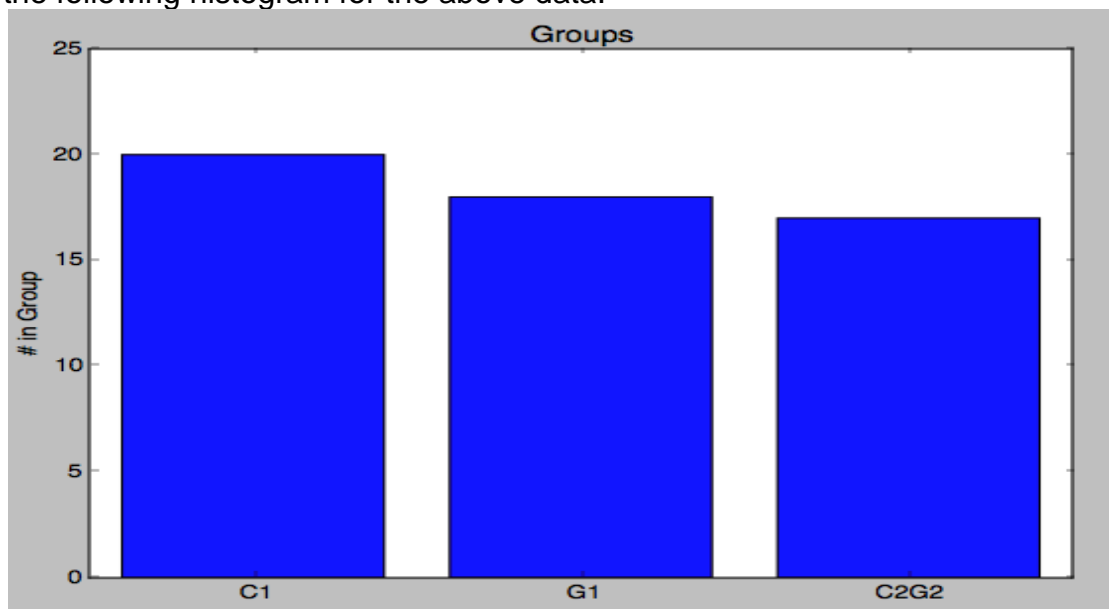
Q2. Data Set: employee=[1,2,3,4,5,6,7,8,9,10]  
tenures = [8.7, 8.1, 0.7, 6, 6.5, 7.5, 2.5, 10, 1.9, 4.2]  
salaries = [83, 80, 48, 76, 69, 76, 60, 83, 48, 63]

Construct the following line plots for the above data:





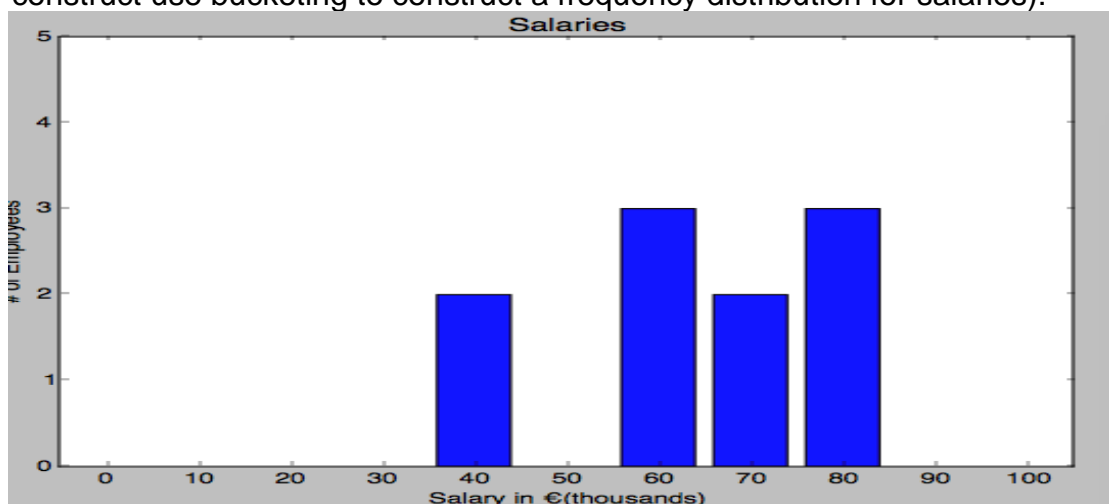
**Q3.** Data Set: groupnum = [1,2,3] // Groups = ["C1", "G1", "C2G2"] // Group\_size = [20,18,17]  
 Construct the following histogram for the above data:



**Q4.** Data Set: tenures = [8.7, 8.1, 0.7, 6, 6.5, 7.5, 2.5, 10, 1.9, 4.2]  
 salaries = [83, 80, 48, 76, 69, 76, 60, 83, 48, 63]

Construct

(i) the following histogram for the above data (to do this you will first have to construct use bucketing to construct a frequency distribution for salaries):



(ii) the following scatterplot:

