Assignment

Employee Dataset -

The given dataset comprises employee details like name, age, salary and designation. Based on the mentioned dataset, answer the following questions.

Q. What is the size of the employee dataset?

```
In [2]: ▶ 1 print("Size of employee dataset", employee_name.size)
```

Size of employee dataset 30

Q. How old is Tracy ?

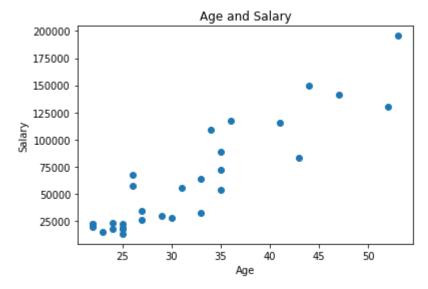
What is Andrew's designation?

```
1 print("Andrew's designation", designation[employee name=="Andrew"])
In [15]:
             Andrew's designation ['Team Lead']
         Q. Name the employee with the highest salary.
In [20]:
                 print(employee name[salary == np.max(salary)])
             ['Zuschuss']
         Q. What is the designation and age of the employee with the highest salary?
In [32]:
               1 print(list(zip(designation,age))[np.argmax(salary)])
             ('Managing Director', 53)
         Q. How many managers are in there in the dataset?
                  print("Total Manager Count:", designation[designation=="Manager"].size)
In [50]:
             Total Manager Count: 5
         Q. What is the salary bracket for a Developer?
In [55]:
               1 #get salary of Developer
               2 dev sal = salary[designation=="Developer"]
                 print("Salary Bracket of Developer from $",np.min(dev_sal) , "to $", np.max(dev_sal))
                 #cond=np.logical and(arr>20, arr<30)</pre>
             Salary Bracket of Developer from $ 13058 to $ 23259
```

Q. What is the average salary of a Team Lead?

Average Salary of Team Lead: \$ 47245.82

Q. Plot a scatter plot showing salary and age relation. Does salary increase with age as per the visual?



Q. Plot a bar chart showing the average age per designation.

