Observations

1. Print data of 10 percent, 12 percentage, college GPA, College City Tier columns whose salary is greater than the mean salary.

Code:

ac[['10percentage','12percentage','collegeGPA','CollegeTier']][ac['Salary']>ac['Salary'].mean()]

1. a) Finding number of male and female

Code:

ac['Gender'].value\_counts()

b) Finding average salary between male and female.

Code:

sd=ac.groupby('Gender')

sd.head(2)

sd['Salary'].mean()

1. Finding average salary of male in Hyderabad by grouping the ‘Jobcity’ column.

Code:

dc=ac.groupby('JobCity')

dc.head(1)

dc['Salary'].mean()[(dc['JobCity']=='Hyderabad') & (dc['Gender']=='m')]

1. Finding average of all the personality columns if 10th =80%, 12th =80% and College=75%.

Code:

lc=ac.loc[(ac['10percentage']>80.0) & (ac['12percentage']>80.0) &(ac['collegeGPA']>75.0), 'conscientiousness':'openess\_to\_experience']

print(lc.mean())

lc

1. Printing English, Logical, Quant marks if college is tier 1.

Code:

ac.loc[ac['CollegeTier']==1,'English':'Quant']

NOTE:- Outliers are not removed.