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Percentile & IQR Measurement

In [1]:

```python
#import variable
#import and read the dataet in csv file
#Import the class from .py file
#Assign the varible obj
#Call the function
import pandas as pd
dataset=pd.read_csv("Placement.csv")
from univariate import Univariate
obj=Univariate()
quan,qual=obj.QuanQual(dataset)
```

```
sl_no
gender
ssc_p
ssc_b
hsc_p
hsc_b
hsc_s
degree_p
degree_t
workex
etest_p
specialisation
mba_p
status
salary
```

In [3]:

```python
#Put the zero instead of nan values
dataset["salary"]=dataset["salary"].fillna(0)
```

In [4]:

```
#Call the funcion of uniAnalysis from Univariate
obj.uniAnalysis(dataset,quan)
```

Out[4]:

	sl_no	ssc_p	hsc_p	degree_p	etest_p	mba_p	salary
mean	108	67.3034	66.3332	66.3702	72.1006	62.2782	198702
median	108	67	65	66	71	62	240000
mode	1	62	63	65	60	56.7	0
25th	54.5	60.6	60.9	61	60	57.945	0
50th	108	67	65	66	71	62	240000
75th	161.5	75.7	73	72	83.5	66.255	282500
100th	215	89.4	97.7	91	98	77.89	940000
IQR	107	15.1	12.1	11	23.5	8.31	282500
1.5IQR	160.5	22.65	18.15	16.5	35.25	12.465	423750
Lesser	-106	37.95	42.75	44.5	24.75	45.48	-423750
Greater	322	98.35	91.15	88.5	118.75	78.72	706250
Min	-106	15.1	12.1	11	23.5	8.31	-423750
Max	322	98.35	97.7	91	118.75	78.72	940000