Import all the required libraries and load datasets

```
import pandas as pd
import numpy as np
import statistics as st

df = pd.read_csv("/content/HRDataset_v14.csv")
df
```

	Employee_Name	EmpID	GenderID	Age	EmpStatusID	DeptID	FromDiversityJobFairID	Salary	State	Zip	DOB	Sex	Employment
0	Adinolfi, Wilson K	10026	1	43	1	5	0	62506	MA	1960	07/10/83	M	
1	Ait Sidi, Karthikeyan	10084	1	44	5	3	0	104437	MA	2148	05/05/75	M	Vol Terr
2	Akinkuolie, Sarah	10196	0	30	5	5	0	64955	MA	1810	09/19/88	F	Vol Terr
3	Alagbe,Trina	10088	0	37	1	5	0	64991	MA	1886	09/27/88	F	
4	Anderson, Carol	10069	0	36	5	5	0	50825	MA	2169	09/08/89	F	Vol Terr
...	...	...	...	...	...	...	...	...	...	...	...	...	
306	Woodson, Jason	10135	1	54	1	5	0	65893	MA	1810	05/11/85	M	
307	Ybarra, Catherine	10301	0	49	5	5	0	48513	MA	2458	05/04/82	F	Vol Terr

Mean,Median and Mode of the dataset

```
#Mean
bins = [18, 30, 40, 50, 60, 70]
labels = ['18-29', '30-39', '40-49', '50-59', '60+']
df['agerange'] = pd.cut(df.Age, bins,labels = labels,include_lowest = True)
print("-----------------------------------MEAN-------------------------------------\n")
print(df.groupby('agerange').mean())

#Median
print("-----------------------------------MEDIAN-----------------------------------\n")
print(df.groupby('agerange').median())

#Minimum
print("-----------------------------------MINIMUM----------------------------------\n")
print(df.groupby('agerange').min())
```

```
-----------------------------------MEAN-------------------------------------

              EmpID   GenderID        Age   EmpStatusID    DeptID  \
agerange
18-29    10176.507463   0.477612  27.865672     2.701493  4.671642
30-39    10158.257732   0.350515  35.092784     2.422680  4.608247
40-49    10139.970874   0.466019  45.029126     2.165049  4.611650
50-59    10157.318182   0.477273  52.727273     2.386364  4.522727
60+            NaN        NaN        NaN          NaN       NaN

          FromDiversityJobFairID        Salary          Zip
agerange
18-29                   0.104478  70161.417910  9203.955224
30-39                   0.092784  67400.587629  6286.680412
40-49                   0.038835  71093.902913  5151.650485
50-59                   0.204545  66002.022727  6401.409091
60+                        NaN          NaN          NaN
-----------------------------------MEDIAN----------------------------------

          EmpID  GenderID   Age  EmpStatusID  DeptID  \
agerange
18-29    10178.0       0.0  28.0          1.0     5.0
30-39    10169.0       0.0  36.0          1.0     5.0
40-49    10139.0       0.0  45.0          1.0     5.0
50-59    10139.5       0.0  53.0          1.0     5.0
60+          NaN       NaN   NaN          NaN     NaN

          FromDiversityJobFairID   Salary     Zip
agerange
```

```
18-29                            0.0  63682.0  2132.0
30-39                            0.0  62068.0  2119.0
40-49                            0.0  63025.0  2148.0
50-59                            0.0  59999.0  2133.0
60+                              NaN      NaN     NaN
-----------------------------------MINIMUM-----------------------------------

                Employee_Name      EmpID  GenderID   Age  EmpStatusID  DeptID  \
agerange
18-29        Akinkuolie, Sarah  10010.0       0.0  25.0          1.0     1.0
30-39           Alagbe,Trina  10003.0       0.0  31.0          1.0     1.0
40-49      Adinolfi, Wilson  K  10001.0       0.0  41.0          1.0     1.0
50-59        Bachiochi, Linda  10005.0       0.0  51.0          1.0     1.0
60+                       NaN      NaN       NaN   NaN          NaN     NaN

          FromDiversityJobFairID   Salary State    Zip       DOB  Sex  \
agerange
18-29                        0.0  45069.0    AL  1450.0  01/04/84    F
30-39                        0.0  45395.0    CA  1420.0  01/02/51    F
40-49                        0.0  45046.0    CO  1040.0  01/04/64    F
50-59                        0.0  46335.0    CT  1013.0  01/07/74    F
60+                          NaN      NaN   NaN    NaN       NaN  NaN

         EmploymentStatus      Department
agerange
18-29               Active  Admin Offices
30-39               Active  Admin Offices
40-49               Active  Admin Offices
```

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