Descriptive summaty statistics

In [1]:
```python
import pandas as pd
df=pd.read_csv('Z:/sem 7/EmployeeAttrition.csv')
df
```
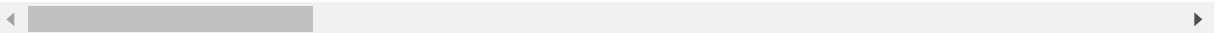
Out[1]:

	Age	Attrition	BusinessTravel	DailyRate	Department	DistanceFromHome	Educ
0	41	Yes	Travel_Rarely	1102	Sales	1	2
1	49	No	Travel_Frequently	279	Research & Development	8	1
2	37	Yes	Travel_Rarely	1373	Research & Development	2	2
3	33	No	Travel_Frequently	1392	Research & Development	3	4
4	27	No	Travel_Rarely	591	Research & Development	2	1
5	32	No	Travel_Frequently	1005	Research & Development	2	2
6	59	No	Travel_Rarely	1324	Research & Development	3	3
7	30	No	Travel_Rarely	1358	Research & Development	24	1
8	38	No	Travel_Frequently	216	Research & Development	23	3
9	36	No	Travel_Rarely	1299	Research & Development	27	3
10	35	No	Travel_Rarely	809	Research & Development	16	3
11	29	No	Travel_Rarely	153	Research & Development	15	2
12	31	No	Travel_Rarely	670	Research & Development	26	1
13	34	No	Travel_Rarely	1346	Research & Development	19	2
14	28	Yes	Travel_Rarely	103	Research & Development	24	3
15	29	No	Travel_Rarely	1389	Research & Development	21	4
16	32	No	Travel_Rarely	334	Research & Development	5	2
17	22	No	Non-Travel	1123	Research & Development	16	2
18	53	No	Travel_Rarely	1219	Sales	2	4

	Age	Attrition	BusinessTravel	DailyRate	Department	DistanceFromHome	Edu
19	38	No	Travel_Rarely	371	Research & Development	2	3
20	24	No	Non-Travel	673	Research & Development	11	2
21	36	Yes	Travel_Rarely	1218	Sales	9	4
22	34	No	Travel_Rarely	419	Research & Development	7	4
23	21	No	Travel_Rarely	391	Research & Development	15	2
24	34	Yes	Travel_Rarely	699	Research & Development	6	1
25	53	No	Travel_Rarely	1282	Research & Development	5	3
26	32	Yes	Travel_Frequently	1125	Research & Development	16	1
27	42	No	Travel_Rarely	691	Sales	8	4
28	44	No	Travel_Rarely	477	Research & Development	7	4
29	46	No	Travel_Rarely	705	Sales	2	4
...	...	...	...	...	...	...	...
1440	36	No	Travel_Frequently	688	Research & Development	4	2
1441	56	No	Non-Travel	667	Research & Development	1	4
1442	29	Yes	Travel_Rarely	1092	Research & Development	1	4
1443	42	No	Travel_Rarely	300	Research & Development	2	3
1444	56	Yes	Travel_Rarely	310	Research & Development	7	2
1445	41	No	Travel_Rarely	582	Research & Development	28	4
1446	34	No	Travel_Rarely	704	Sales	28	3
1447	36	No	Non-Travel	301	Sales	15	4
1448	41	No	Travel_Rarely	930	Sales	3	3
1449	32	No	Travel_Rarely	529	Research & Development	2	3

	Age	Attrition	BusinessTravel	DailyRate	Department	DistanceFromHome	Educ
1450	35	No	Travel_Rarely	1146	Human Resources	26	4
1451	38	No	Travel_Rarely	345	Sales	10	2
1452	50	Yes	Travel_Frequently	878	Sales	1	4
1453	36	No	Travel_Rarely	1120	Sales	11	4
1454	45	No	Travel_Rarely	374	Sales	20	3
1455	40	No	Travel_Rarely	1322	Research & Development	2	4
1456	35	No	Travel_Frequently	1199	Research & Development	18	4
1457	40	No	Travel_Rarely	1194	Research & Development	2	4
1458	35	No	Travel_Rarely	287	Research & Development	1	4
1459	29	No	Travel_Rarely	1378	Research & Development	13	2
1460	29	No	Travel_Rarely	468	Research & Development	28	4
1461	50	Yes	Travel_Rarely	410	Sales	28	3
1462	39	No	Travel_Rarely	722	Sales	24	1
1463	31	No	Non-Travel	325	Research & Development	5	3
1464	26	No	Travel_Rarely	1167	Sales	5	3
1465	36	No	Travel_Frequently	884	Research & Development	23	2
1466	39	No	Travel_Rarely	613	Research & Development	6	1
1467	27	No	Travel_Rarely	155	Research & Development	4	3
1468	49	No	Travel_Frequently	1023	Sales	2	3
1469	34	No	Travel_Rarely	628	Research & Development	8	3

1470 rows × 35 columns

In [2]:
```
df.describe
```

```
Out[2]: <bound method NDFrame.describe of        Age Attrition       BusinessTravel  Dai
        lyRate              Department  \
        0      41       Yes       Travel_Rarely   1102                         Sales
        1      49        No  Travel_Frequently    279   Research & Development
        2      37       Yes       Travel_Rarely   1373   Research & Development
        3      33        No  Travel_Frequently   1392   Research & Development
        4      27        No       Travel_Rarely    591   Research & Development
        5      32        No  Travel_Frequently   1005   Research & Development
        6      59        No       Travel_Rarely   1324   Research & Development
        7      30        No       Travel_Rarely   1358   Research & Development
        8      38        No  Travel_Frequently    216   Research & Development
        9      36        No       Travel_Rarely   1299   Research & Development
        10     35        No       Travel_Rarely    809   Research & Development
        11     29        No       Travel_Rarely    153   Research & Development
        12     31        No       Travel_Rarely    670   Research & Development
        13     34        No       Travel_Rarely   1346   Research & Development
        14     28       Yes       Travel_Rarely    103   Research & Development
        15     29        No       Travel_Rarely   1389   Research & Development
        16     32        No       Travel_Rarely    334   Research & Development
        17     22        No          Non-Travel   1123   Research & Development
        18     53        No       Travel_Rarely   1219                         Sales
        19     38        No       Travel_Rarely    371   Research & Development
        20     24        No          Non-Travel    673   Research & Development
        21     36       Yes       Travel_Rarely   1218                         Sales
        22     34        No       Travel_Rarely    419   Research & Development
        23     21        No       Travel_Rarely    391   Research & Development
        24     34       Yes       Travel_Rarely    699   Research & Development
        25     53        No       Travel_Rarely   1282   Research & Development
        26     32       Yes  Travel_Frequently   1125   Research & Development
        27     42        No       Travel_Rarely    691                         Sales
        28     44        No       Travel_Rarely    477   Research & Development
        29     46        No       Travel_Rarely    705                         Sales
        ...    ...       ...                 ...    ...                      ...
        1440   36        No  Travel_Frequently    688   Research & Development
        1441   56        No          Non-Travel    667   Research & Development
        1442   29       Yes       Travel_Rarely   1092   Research & Development
        1443   42        No       Travel_Rarely    300   Research & Development
        1444   56       Yes       Travel_Rarely    310   Research & Development
        1445   41        No       Travel_Rarely    582   Research & Development
        1446   34        No       Travel_Rarely    704                         Sales
        1447   36        No          Non-Travel    301                         Sales
        1448   41        No       Travel_Rarely    930                         Sales
        1449   32        No       Travel_Rarely    529   Research & Development
        1450   35        No       Travel_Rarely   1146          Human Resources
        1451   38        No       Travel_Rarely    345                         Sales
        1452   50       Yes  Travel_Frequently    878                         Sales
        1453   36        No       Travel_Rarely   1120                         Sales
        1454   45        No       Travel_Rarely    374                         Sales
        1455   40        No       Travel_Rarely   1322   Research & Development
        1456   35        No  Travel_Frequently   1199   Research & Development
        1457   40        No       Travel_Rarely   1194   Research & Development
        1458   35        No       Travel_Rarely    287   Research & Development
        1459   29        No       Travel_Rarely   1378   Research & Development
        1460   29        No       Travel_Rarely    468   Research & Development
        1461   50       Yes       Travel_Rarely    410                         Sales
        1462   39        No       Travel_Rarely    722                         Sales
        1463   31        No          Non-Travel    325   Research & Development
```

```
1464   26        No       Travel_Rarely       1167                      Sales
1465   36        No   Travel_Frequently        884   Research & Development
1466   39        No       Travel_Rarely        613   Research & Development
1467   27        No       Travel_Rarely        155   Research & Development
1468   49        No   Travel_Frequently       1023                      Sales
1469   34        No       Travel_Rarely        628   Research & Development
```

```
       DistanceFromHome   Education   EducationField   EmployeeCount  \
0                     1           2    Life Sciences               1
1                     8           1    Life Sciences               1
2                     2           2            Other               1
3                     3           4    Life Sciences               1
4                     2           1          Medical               1
5                     2           2    Life Sciences               1
6                     3           3          Medical               1
7                    24           1    Life Sciences               1
8                    23           3    Life Sciences               1
9                    27           3          Medical               1
10                   16           3          Medical               1
11                   15           2    Life Sciences               1
12                   26           1    Life Sciences               1
13                   19           2          Medical               1
14                   24           3    Life Sciences               1
15                   21           4    Life Sciences               1
16                    5           2    Life Sciences               1
17                   16           2          Medical               1
18                    2           4    Life Sciences               1
19                    2           3    Life Sciences               1
20                   11           2            Other               1
21                    9           4    Life Sciences               1
22                    7           4    Life Sciences               1
23                   15           2    Life Sciences               1
24                    6           1          Medical               1
25                    5           3            Other               1
26                   16           1    Life Sciences               1
27                    8           4        Marketing               1
28                    7           4          Medical               1
29                    2           4        Marketing               1
...                 ...         ...              ...             ...
1440                  4           2    Life Sciences               1
1441                  1           4    Life Sciences               1
1442                  1           4          Medical               1
1443                  2           3    Life Sciences               1
1444                  7           2 Technical Degree               1
1445                 28           4    Life Sciences               1
1446                 28           3        Marketing               1
1447                 15           4        Marketing               1
1448                  3           3    Life Sciences               1
1449                  2           3 Technical Degree               1
1450                 26           4    Life Sciences               1
1451                 10           2    Life Sciences               1
1452                  1           4    Life Sciences               1
1453                 11           4        Marketing               1
1454                 20           3    Life Sciences               1
1455                  2           4    Life Sciences               1
1456                 18           4    Life Sciences               1
1457                  2           4          Medical               1
```

1458	1	4	Life Sciences	1
1459	13	2	Other	1
1460	28	4	Medical	1
1461	28	3	Marketing	1
1462	24	1	Marketing	1
1463	5	3	Medical	1
1464	5	3	Other	1
1465	23	2	Medical	1
1466	6	1	Medical	1
1467	4	3	Life Sciences	1
1468	2	3	Medical	1
1469	8	3	Medical	1

	EmployeeNumber	...	RelationshipSatisfaction \
0	1	...	1
1	2	...	4
2	4	...	2
3	5	...	3
4	7	...	4
5	8	...	3
6	10	...	1
7	11	...	2
8	12	...	2
9	13	...	2
10	14	...	3
11	15	...	4
12	16	...	4
13	18	...	3
14	19	...	2
15	20	...	3
16	21	...	4
17	22	...	2
18	23	...	3
19	24	...	3
20	26	...	4
21	27	...	2
22	28	...	3
23	30	...	4
24	31	...	3
25	32	...	4
26	33	...	2
27	35	...	4
28	36	...	4
29	38	...	4
...	...	...	...
1440	2025	...	2
1441	2026	...	1
1442	2027	...	2
1443	2031	...	1
1444	2032	...	4
1445	2034	...	3
1446	2035	...	4
1447	2036	...	1
1448	2037	...	3
1449	2038	...	4
1450	2040	...	3
1451	2041	...	3

```
1452        2044        ...                                      4
1453        2045        ...                                      1
1454        2046        ...                                      3
1455        2048        ...                                      4
1456        2049        ...                                      4
1457        2051        ...                                      2
1458        2052        ...                                      4
1459        2053        ...                                      1
1460        2054        ...                                      2
1461        2055        ...                                      2
1462        2056        ...                                      1
1463        2057        ...                                      2
1464        2060        ...                                      4
1465        2061        ...                                      3
1466        2062        ...                                      1
1467        2064        ...                                      2
1468        2065        ...                                      4
1469        2068        ...                                      1

      StandardHours  StockOptionLevel  TotalWorkingYears  \
0                80                 0                  8
1                80                 1                 10
2                80                 0                  7
3                80                 0                  8
4                80                 1                  6
5                80                 0                  8
6                80                 3                 12
7                80                 1                  1
8                80                 0                 10
9                80                 2                 17
10               80                 1                  6
11               80                 0                 10
12               80                 1                  5
13               80                 1                  3
14               80                 0                  6
15               80                 1                 10
16               80                 2                  7
17               80                 2                  1
18               80                 0                 31
19               80                 0                  6
20               80                 1                  5
21               80                 0                 10
22               80                 0                 13
23               80                 0                  0
24               80                 0                  8
25               80                 1                 26
26               80                 0                 10
27               80                 1                 10
28               80                 1                 24
29               80                 0                 22
...             ...               ...                ...
1440             80                 3                 18
1441             80                 1                 13
1442             80                 3                  4
1443             80                 0                 24
1444             80                 1                 14
1445             80                 1                 21
```

```
1446              80              2              8
1447              80              1             15
1448              80              1             14
1449              80              0              4
1450              80              0              9
1451              80              1             10
1452              80              2             12
1453              80              1              8
1454              80              0              8
1455              80              0              8
1456              80              2             10
1457              80              3             20
1458              80              1              4
1459              80              1             10
1460              80              0              5
1461              80              1             20
1462              80              1             21
1463              80              0             10
1464              80              0              5
1465              80              1             17
1466              80              1              9
1467              80              1              6
1468              80              0             17
1469              80              0              6
```

	TrainingTimesLastYear	WorkLifeBalance	YearsAtCompany	\
0	0	1	6	
1	3	3	10	
2	3	3	0	
3	3	3	8	
4	3	3	2	
5	2	2	7	
6	3	2	1	
7	2	3	1	
8	2	3	9	
9	3	2	7	
10	5	3	5	
11	3	3	9	
12	1	2	5	
13	2	3	2	
14	4	3	4	
15	1	3	10	
16	5	2	6	
17	2	2	1	
18	3	3	25	
19	3	3	3	
20	5	2	4	
21	4	3	5	
22	4	3	12	
23	6	3	0	
24	2	3	4	
25	3	2	14	
26	5	3	10	
27	2	3	9	
28	4	3	22	
29	2	2	2	
...	...	...	...	

1440	3	3	4
1441	2	2	13
1442	3	4	2
1443	2	2	22
1444	4	1	10
1445	3	3	20
1446	2	3	8
1447	4	2	15
1448	5	3	5
1449	4	3	4
1450	2	3	9
1451	1	3	10
1452	3	3	6
1453	2	2	6
1454	3	3	5
1455	2	3	2
1456	2	4	10
1457	2	3	5
1458	5	3	4
1459	2	3	4
1460	3	1	5
1461	3	3	3
1462	2	2	20
1463	2	3	9
1464	2	3	4
1465	3	3	5
1466	5	3	7
1467	0	3	6
1468	3	2	9
1469	3	4	4

	YearsInCurrentRole	YearsSinceLastPromotion	YearsWithCurrManager
0	4	0	5
1	7	1	7
2	0	0	0
3	7	3	0
4	2	2	2
5	7	3	6
6	0	0	0
7	0	0	0
8	7	1	8
9	7	7	7
10	4	0	3
11	5	0	8
12	2	4	3
13	2	1	2
14	2	0	3
15	9	8	8
16	2	0	5
17	0	0	0
18	8	3	7
19	2	1	2
20	2	1	3
21	3	0	3
22	6	2	11
23	0	0	0
24	2	1	3

25	13	4	8
26	2	6	7
27	7	4	2
28	6	5	17
29	2	2	1
...	...	...	...
1440	2	0	2
1441	12	1	9
1442	2	2	2
1443	6	4	14
1444	9	9	8
1445	7	0	10
1446	7	1	7
1447	12	11	11
1448	4	0	4
1449	2	1	2
1450	0	1	7
1451	7	1	9
1452	3	0	1
1453	3	0	0
1454	3	0	1
1455	2	2	2
1456	2	0	2
1457	3	0	2
1458	3	1	1
1459	3	0	3
1460	4	0	4
1461	2	2	0
1462	9	9	6
1463	4	1	7
1464	2	0	0
1465	2	0	3
1466	7	1	7
1467	2	0	3
1468	6	0	8
1469	3	1	2

[1470 rows x 35 columns]>

```
In [3]: df.sum()
```

```
Out[3]: Age                                                              54278
        Attrition                 YesNoYesNoNoNoNoNoNoNoNoNoNoNoYesNoNoNoNoNoNoY...
        BusinessTravel            Travel_RarelyTravel_FrequentlyTravel_RarelyTra...
        DailyRate                                                        1179654
        Department                SalesResearch & DevelopmentResearch & Developm...
        DistanceFromHome                                                   13513
        Education                                                           4282
        EducationField            Life SciencesLife SciencesOtherLife SciencesMe...
        EmployeeCount                                                       1470
        EmployeeNumber                                                   1506552
        EnvironmentSatisfaction                                            4001
        Gender                    FemaleMaleMaleFemaleMaleMaleFemaleMaleMaleMale...
        HourlyRate                                                         96860
        JobInvolvement                                                     4013
        JobLevel                                                           3034
        JobRole                   Sales ExecutiveResearch ScientistLaboratory Te...
        JobSatisfaction                                                    4011
        MaritalStatus             SingleMarriedSingleMarriedMarriedSingleMarried...
        MonthlyIncome                                                    9559309
        MonthlyRate                                                      21040262
        NumCompaniesWorked                                                 3959
        Over18                    YYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYYY...
        OverTime                  YesNoYesYesNoNoYesNoNoNoNoYesNoNoYesNoYesYesNo...
        PercentSalaryHike                                                  22358
        PerformanceRating                                                  4636
        RelationshipSatisfaction                                           3987
        StandardHours                                                     117600
        StockOptionLevel                                                   1167
        TotalWorkingYears                                                  16581
        TrainingTimesLastYear                                              4115
        WorkLifeBalance                                                    4059
        YearsAtCompany                                                     10302
        YearsInCurrentRole                                                 6217
        YearsSinceLastPromotion                                            3216
        YearsWithCurrManager                                               6061
        dtype: object
```

In [4]: `df.mean()`

Out[4]:
```
Age                          36.923810
DailyRate                   802.485714
DistanceFromHome              9.192517
Education                     2.912925
EmployeeCount                 1.000000
EmployeeNumber             1024.865306
EnvironmentSatisfaction       2.721769
HourlyRate                   65.891156
JobInvolvement                2.729932
JobLevel                      2.063946
JobSatisfaction               2.728571
MonthlyIncome              6502.931293
MonthlyRate               14313.103401
NumCompaniesWorked            2.693197
PercentSalaryHike            15.209524
PerformanceRating             3.153741
RelationshipSatisfaction      2.712245
StandardHours                80.000000
StockOptionLevel              0.793878
TotalWorkingYears            11.279592
TrainingTimesLastYear         2.799320
WorkLifeBalance               2.761224
YearsAtCompany                7.008163
YearsInCurrentRole            4.229252
YearsSinceLastPromotion       2.187755
YearsWithCurrManager          4.123129
dtype: float64
```

```
In [5]: df.median()
```

```
Out[5]: Age                        36.0
        DailyRate                 802.0
        DistanceFromHome            7.0
        Education                   3.0
        EmployeeCount               1.0
        EmployeeNumber           1020.5
        EnvironmentSatisfaction     3.0
        HourlyRate                 66.0
        JobInvolvement              3.0
        JobLevel                    2.0
        JobSatisfaction             3.0
        MonthlyIncome            4919.0
        MonthlyRate             14235.5
        NumCompaniesWorked          2.0
        PercentSalaryHike          14.0
        PerformanceRating           3.0
        RelationshipSatisfaction    3.0
        StandardHours              80.0
        StockOptionLevel            1.0
        TotalWorkingYears          10.0
        TrainingTimesLastYear       3.0
        WorkLifeBalance             3.0
        YearsAtCompany              5.0
        YearsInCurrentRole          3.0
        YearsSinceLastPromotion     1.0
        YearsWithCurrManager        3.0
        dtype: float64
```

```
In [6]: df.count()
```

```
Out[6]: Age                         1470
        Attrition                   1470
        BusinessTravel              1470
        DailyRate                   1470
        Department                  1470
        DistanceFromHome            1470
        Education                   1470
        EducationField              1470
        EmployeeCount               1470
        EmployeeNumber              1470
        EnvironmentSatisfaction     1470
        Gender                      1470
        HourlyRate                  1470
        JobInvolvement              1470
        JobLevel                    1470
        JobRole                     1470
        JobSatisfaction             1470
        MaritalStatus               1470
        MonthlyIncome               1470
        MonthlyRate                 1470
        NumCompaniesWorked          1470
        Over18                      1470
        OverTime                    1470
        PercentSalaryHike           1470
        PerformanceRating           1470
        RelationshipSatisfaction    1470
        StandardHours               1470
        StockOptionLevel            1470
        TotalWorkingYears           1470
        TrainingTimesLastYear       1470
        WorkLifeBalance             1470
        YearsAtCompany              1470
        YearsInCurrentRole          1470
        YearsSinceLastPromotion     1470
        YearsWithCurrManager        1470
        dtype: int64
```

```
In [7]: df.min()
```

```
Out[7]: Age                                         18
        Attrition                                   No
        BusinessTravel                      Non-Travel
        DailyRate                                  102
        Department                     Human Resources
        DistanceFromHome                             1
        Education                                    1
        EducationField                 Human Resources
        EmployeeCount                                1
        EmployeeNumber                               1
        EnvironmentSatisfaction                      1
        Gender                                  Female
        HourlyRate                                  30
        JobInvolvement                               1
        JobLevel                                     1
        JobRole                Healthcare Representative
        JobSatisfaction                              1
        MaritalStatus                         Divorced
        MonthlyIncome                             1009
        MonthlyRate                               2094
        NumCompaniesWorked                           0
        Over18                                       Y
        OverTime                                    No
        PercentSalaryHike                           11
        PerformanceRating                            3
        RelationshipSatisfaction                     1
        StandardHours                               80
        StockOptionLevel                             0
        TotalWorkingYears                            0
        TrainingTimesLastYear                        0
        WorkLifeBalance                              1
        YearsAtCompany                               0
        YearsInCurrentRole                           0
        YearsSinceLastPromotion                      0
        YearsWithCurrManager                         0
        dtype: object
```

```
In [8]: df.std()
```

```
Out[8]: Age                              9.135373
        DailyRate                      403.509100
        DistanceFromHome                 8.106864
        Education                        1.024165
        EmployeeCount                    0.000000
        EmployeeNumber                 602.024335
        EnvironmentSatisfaction          1.093082
        HourlyRate                      20.329428
        JobInvolvement                   0.711561
        JobLevel                         1.106940
        JobSatisfaction                  1.102846
        MonthlyIncome                 4707.956783
        MonthlyRate                   7117.786044
        NumCompaniesWorked               2.498009
        PercentSalaryHike                3.659938
        PerformanceRating                0.360824
        RelationshipSatisfaction         1.081209
        StandardHours                    0.000000
        StockOptionLevel                 0.852077
        TotalWorkingYears                7.780782
        TrainingTimesLastYear            1.289271
        WorkLifeBalance                  0.706476
        YearsAtCompany                   6.126525
        YearsInCurrentRole               3.623137
        YearsSinceLastPromotion          3.222430
        YearsWithCurrManager             3.568136
        dtype: float64
```
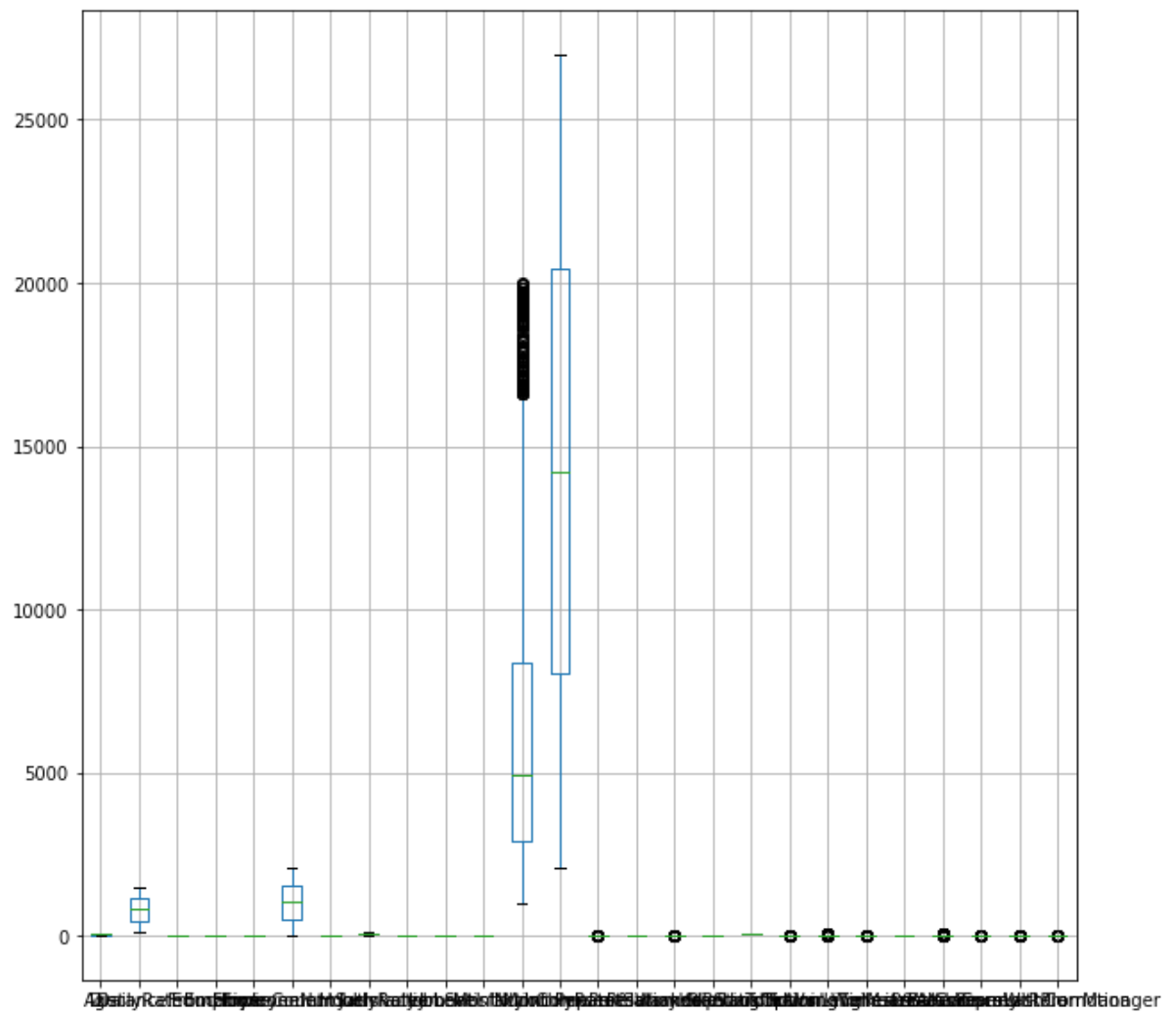
```
In [9]: df.isnull().any()
```

```
Out[9]: Age                          False
        Attrition                    False
        BusinessTravel               False
        DailyRate                    False
        Department                   False
        DistanceFromHome             False
        Education                    False
        EducationField               False
        EmployeeCount                False
        EmployeeNumber               False
        EnvironmentSatisfaction      False
        Gender                       False
        HourlyRate                   False
        JobInvolvement               False
        JobLevel                     False
        JobRole                      False
        JobSatisfaction              False
        MaritalStatus                False
        MonthlyIncome                False
        MonthlyRate                  False
        NumCompaniesWorked           False
        Over18                       False
        OverTime                     False
        PercentSalaryHike            False
        PerformanceRating            False
        RelationshipSatisfaction     False
        StandardHours                False
        StockOptionLevel             False
        TotalWorkingYears            False
        TrainingTimesLastYear        False
        WorkLifeBalance              False
        YearsAtCompany               False
        YearsInCurrentRole           False
        YearsSinceLastPromotion      False
        YearsWithCurrManager         False
        dtype: bool
```
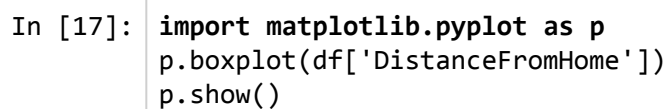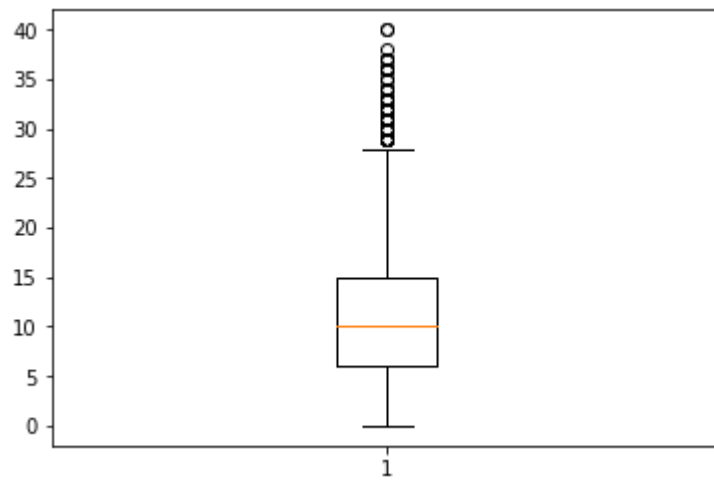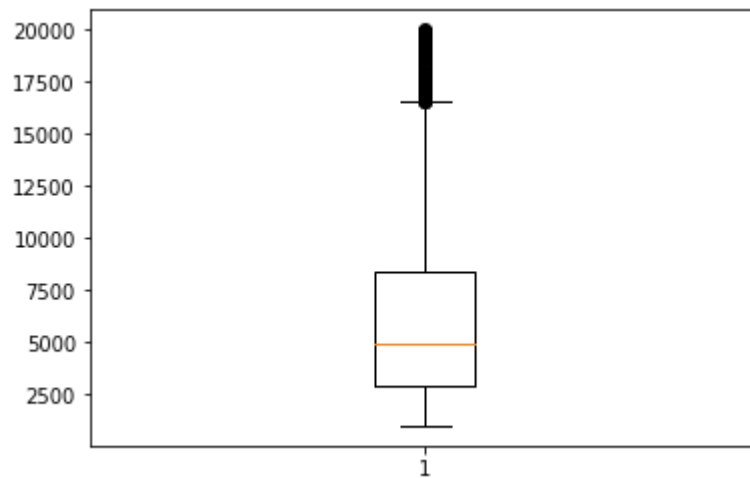
In [19]: `df.boxplot(figsize='10,10')`

Out[19]: `<matplotlib.axes._subplots.AxesSubplot at 0xd825630>`

In [11]: `df.boxplot(figsize='20,20')`

Out[11]: `<matplotlib.axes._subplots.AxesSubplot at 0x7373930>`

In [17]:
```
import matplotlib.pyplot as p
p.boxplot(df['DistanceFromHome'])
p.show()
```

In [18]:
```python
import matplotlib.pyplot as p
p.boxplot(df['TotalWorkingYears'])
p.show()
```


In [15]:
```python
import matplotlib.pyplot as p
p.boxplot(df['MonthlyIncome'])
p.show()
```

In [20]: `df.boxplot(figsize='6,5')`

Out[20]: <matplotlib.axes._subplots.AxesSubplot at 0xdb162f0>