In [1]:
```
import pandas as pd
from scipy.stats import kurtosis
from scipy.stats import skew
```

In [2]:
```
data1 = pd.read_csv('wc-at.csv',',')
data1.head()
```

Out[2]:

	Waist	AT
0	74.75	25.72
1	72.60	25.89
2	81.80	42.60
3	83.95	42.80
4	74.65	29.84

In [5]:
```
data1.shape
```

Out[5]:
```
(109, 2)
```

In [7]:
```
data1.describe(include='all')
```

Out[7]:

	Waist	AT
count	109.000000	109.000000
mean	91.901835	101.894037
std	13.559116	57.294763
min	63.500000	11.440000
25%	80.000000	50.880000
50%	90.800000	96.540000
75%	104.000000	137.000000
max	121.000000	253.000000

In [9]:
```
pd.set_option('max_rows',None)
```

In [3]:
```
data1.mean()
```

Out[3]:
```
Waist     91.901835
AT       101.894037
dtype: float64
```

In [4]:
```
data1.median()
```

Out[4]:
```
Waist    90.80
AT       96.54
dtype: float64
```

In [16]:
```
data1.AT.value_counts().head()
```

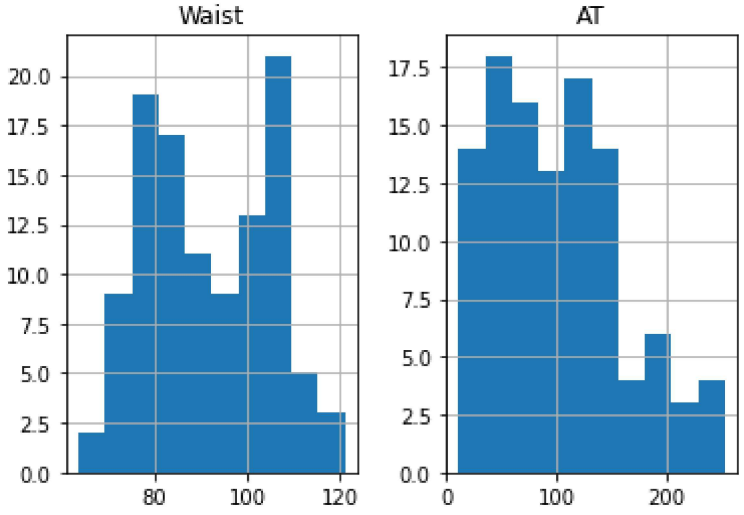
Out[16]:
```
123.0    3
121.0    3
107.0    2
133.0    2
137.0    2
Name: AT, dtype: int64
```

In [5]:
```
data1.Waist.value_counts().head()
```

Out[5]:
```
94.5     3
106.0    3
108.5    3
100.0    2
80.5     2
Name: Waist, dtype: int64
```

In [18]:
```
data1.hist()
```

Out[18]:
```
array([[<AxesSubplot:title={'center':'Waist'}>,
        <AxesSubplot:title={'center':'AT'}>]], dtype=object)
```



In [20]:
```
data1.skew()
```

Out[20]:
```
Waist    0.134056
AT       0.584869
dtype: float64
```

In [21]:
```
data1.kurtosis()
```

Out[21]:
```
Waist   -1.102667
AT      -0.285576
dtype: float64
```

In [ ]: