```
In [1]:    import pandas as pd
```

```
In [2]:    data1 = pd.read_csv('Cars (1).csv',sep=',')
           data1.head()
```

Out[2]:

	HP	MPG	VOL	SP	WT
0	49	53.700681	89	104.185353	28.762059
1	55	50.013401	92	105.461264	30.466833
2	55	50.013401	92	105.461264	30.193597
3	70	45.696322	92	113.461264	30.632114
4	53	50.504232	92	104.461264	29.889149

```
In [5]:    data1.mean()
```

```
Out[5]:   HP      117.469136
          MPG      34.422076
          VOL      98.765432
          SP      121.540272
          WT       32.412577
          dtype: float64
```

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

```
Out[4]:   HP      100.000000
          MPG      35.152727
          VOL     101.000000
          SP      118.208698
          WT       32.734518
          dtype: float64
```

```
In [6]:    data1.shape
```

```
Out[6]:   (81, 5)
```

```
In [8]:    pd.set_option('max_rows',None)
```

```
In [32]:   data1.HP.value_counts().head(5)
```

```
Out[32]:   92     7
           115    5
           102    5
           95     5
           140    4
           Name: HP, dtype: int64
```

```
In [6]:    data1.MPG.value_counts().head(5)
```

```
Out[6]:   29.629936    5
          38.411003    4
          23.103172    3
          35.152727    3
```

```
50.013401     3
Name: MPG, dtype: int64
```

In [40]:
```python
data1.VOL.value_counts().head(5)
```

Out[40]:
```
50      9
92      8
89      7
101     7
99      4
Name: VOL, dtype: int64
```

In [42]:
```python
data1.SP.value_counts().head(5)
```
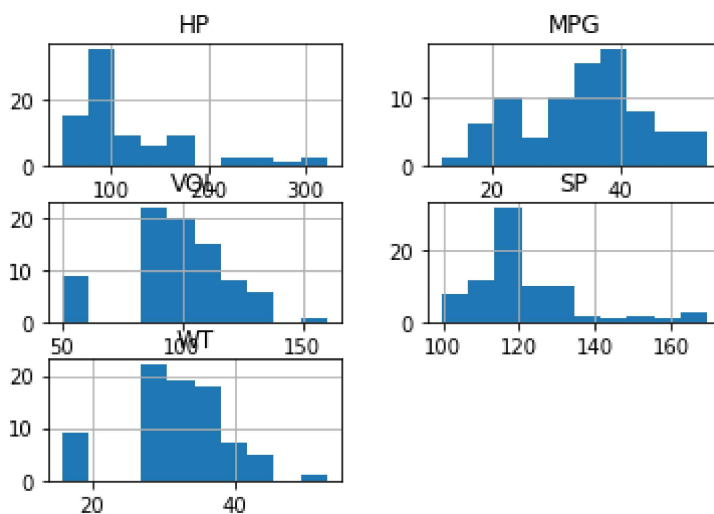
Out[42]:
```
118.288996     4
105.461264     3
111.185353     3
116.909442     2
119.105055     2
Name: SP, dtype: int64
```

In [44]:
```python
data1.WT.value_counts().head(5)
```

Out[44]:
```
29.363341     1
31.911223     1
30.527427     1
38.062823     1
30.115434     1
Name: WT, dtype: int64
```

In [45]:
```python
data1.hist()
```

Out[45]:
```
array([[<AxesSubplot:title={'center':'HP'}>,
        <AxesSubplot:title={'center':'MPG'}>],
       [<AxesSubplot:title={'center':'VOL'}>,
        <AxesSubplot:title={'center':'SP'}>],
       [<AxesSubplot:title={'center':'WT'}>, <AxesSubplot:>]],
      dtype=object)
```


In [ ]: