A) Write a Python NumPy program to compute the weighted average along the specified axis of a given flattened array.

In [1]:
```
import numpy as np

x = np.array([1, 2, 3, 4, 5])
w = np.array([0.1, 0.2, 0.3, 0.2, 0.2])

wa = np.average(x, weights=w)

print("Weighted average:", wa)
```

```
Weighted average: 3.2
```

Write a Python program to view basic statistical details of the data (Use advertising.csv)

In [2]:
```
import pandas as pd
df = pd.read_csv('Advertising.csv')
df.describe()
```

Out[2]:

	ID	TV	Radio	Newspaper	Sales
count	200.000000	200.000000	200.000000	200.000000	200.000000
mean	100.500000	147.042500	23.264000	30.554000	14.022500
std	57.879185	85.854236	14.846809	21.778621	5.217457
min	1.000000	0.700000	0.000000	0.300000	1.600000
25%	50.750000	74.375000	9.975000	12.750000	10.375000
50%	100.500000	149.750000	22.900000	25.750000	12.900000
75%	150.250000	218.825000	36.525000	45.100000	17.400000
max	200.000000	296.400000	49.600000	114.000000	27.000000