## Program to implement k-means clustering technique using any standard dataset available in the public domain

Dataset: Mall\_Customers.csv

```
1 import numpy as np
```

## 1 dataset

$\qquad \qquad \Box \Rightarrow \qquad \qquad$		CustomerID	Genre	Age	Annual Income (k\$)	Spending Score (1-100)
	0	1	Male	19	15	39
	1	2	Male	21	15	81
	2	3	Female	20	16	6
	3	4	Female	23	16	77
	4	5	Female	31	17	40
	195	196	Female	35	120	79
	196	197	Female	45	126	28
	197	198	Male	32	126	74
	198	199	Male	32	137	18
	199	200	Male	30	137	83

200 rows × 5 columns

<sup>2</sup> import pandas as pd

<sup>1</sup> dataset = pd.read\_csv('Mall\_Customers.csv')

- 1 from sklearn.metrics import accuracy\_score