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         Code 

```
[1]: import numpy as np
import pandas as pd
import matplotlib.pyplot as plt
import seaborn as sns
from sklearn.cluster import KMeans
```

```
[3]: customer_data = pd.read_csv("C:/Users/nagah/OneDrive/Desktop/Mall_Cus
```

```
[4]: customer_data.head()
```

```
[4]:
```

	CustomerID	Gender	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

```
[5]: customer_data.shape
```

```
[5]: (200, 5)
```

```
[6]: customer_data.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 200 entries, 0 to 199
Data columns (total 5 columns):
 #   Column              Non-Null Count  Dtype  
---  -
 0   CustomerID          200 non-null   int64
```