

5/28/22, 11:24 PM

A 7 Clusteri

Import libraries required

In [10]:

```
import numpy as np
import pandas as pd

import matplotlib.pyplot as plt
import seaborn as sns

import warnings
warnings.filterwarnings('ignore')
```

Load dataset

In [11]:

```
# Import Dataset
airline=pd.read_excel("C:/Users/Hp/Downloads/Eas
airline
```

Out[11]:

	ID#	Balance	Qual_miles	cc1_miles	cc2_miles	c
0	1	28143	0	1	1	
1	2	19244	0	1	1	
2	3	41354	0	1	1	
3	4	14776	0	1	1	
4	5	97752	0	4	1	
...	...	...	...	...	...	...
3994	4017	18476	0	1	1	
3995	4018	64385	0	1	1	
3996	4019	73597	0	3	1	
3997	4020	54899	0	1	1	
3998	4021	3016	0	1	1	

3999 rows × 7 columns

In [12]: