

 jupyter Retail Strategy And Analytics Task2 Last Checkpoint: 2 hours ago

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```
[1]: import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as plt
from sklearn.cluster import KMeans
import warnings
warnings.filterwarnings('ignore')
```

```
[2]: df = pd.read_csv("C:/Users/muham\OneDrive - TqPharma/Documents/THESNI
df
```

```
[2]:   LYLTY_CARD_NBR      DATE  STORE_NBR  TXN_ID  PROD_NBR
```

0	1000	17/10/2018	1	1	5
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1	1002	16/09/2018	1	2	58
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2	1003	07/03/2019	1	3	52
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3	1003	08/03/2019	1	4	106
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4	1004	02/11/2018	1	5	96
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