1/26/25, 2:04 AM IshaMishra EDA

pip install pandas matplotlib seaborn scikit-learn

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Requirement already satisfied: six>=1.5 in c:\users\isha\appdata\local\programs\p
ython\python310\lib\site-packages (from python-dateutil>=2.8.2->pandas) (1.16.0)
Note: you may need to restart the kernel to use updated packages.
 import pandas as pd
 customers = pd.read csv('Customers.csv')
```

```
<class 'pandas.core.frame.DataFrame'>
      RangeIndex: 200 entries, 0 to 199
      Data columns (total 4 columns):
       # Column Non-Null Count Dtype
      ---
                      ----
       0 CustomerID 200 non-null object
       1 CustomerName 200 non-null object
       2 Region 200 non-null object
       3 SignupDate 200 non-null object
      dtypes: object(4)
      memory usage: 6.4+ KB
      None
                 Price
      count 100.000000
      mean 267.551700
      std 143.219383
      min
            16.080000
      25% 147.767500
      50% 292.875000
      75% 397.090000
           497.760000
      TransactionID
      CustomerID
      ProductID
                      0
      TransactionDate 0
      Quantity
                       0
      TotalValue
                      0
      Price
                       0
      dtype: int64
In [4]: import seaborn as sns
       import matplotlib.pyplot as plt
       sns.countplot(x='Region', data=customers)
       plt.show()
       sns.barplot(x='Category', y='Price', data=products)
       plt.show()
       transactions['TransactionDate'] = pd.to_datetime(transactions['TransactionDate']
       transactions.groupby(transactions['TransactionDate'].dt.month)['TotalValue'].sum
       plt.show()
```





