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In [2]: import pandas as pd

df = pd.read_csv("Telco_customer_churn.csv")

print("Dataset shape:", df.shape)

df.head()

df.info()

print("Columns:")
print(df.columns)
```

```
Dataset shape: (7043, 33)
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 7043 entries, 0 to 7042
Data columns (total 33 columns):
 #   Column            Non-Null Count  Dtype  
--- 
 0   CustomerID        7043 non-null    object  
 1   Count              7043 non-null    int64  
 2   Country             7043 non-null    object  
 3   State               7043 non-null    object  
 4   City                7043 non-null    object  
 5   Zip Code            7043 non-null    int64  
 6   Lat Long            7043 non-null    object  
 7   Latitude             7043 non-null    float64 
 8   Longitude            7043 non-null    float64 
 9   Gender              7043 non-null    object  
 10  Senior Citizen      7043 non-null    object  
 11  Partner             7043 non-null    object  
 12  Dependents          7043 non-null    object  
 13  Tenure Months       7043 non-null    int64  
 14  Phone Service       7043 non-null    object  
 15  Multiple Lines       7043 non-null    object  
 16  Internet Service    7043 non-null    object  
 17  Online Security     7043 non-null    object  
 18  Online Backup        7043 non-null    object  
 19  Device Protection   7043 non-null    object  
 20  Tech Support         7043 non-null    object  
 21  Streaming TV          7043 non-null    object  
 22  Streaming Movies     7043 non-null    object  
 23  Contract             7043 non-null    object  
 24  Paperless Billing    7043 non-null    object  
 25  Payment Method       7043 non-null    object  
 26  Monthly Charges      7043 non-null    float64 
 27  Total Charges         7043 non-null    object  
 28  Churn Label          7043 non-null    object  
 29  Churn Value           7043 non-null    int64  
 30  Churn Score          7043 non-null    int64  
 31  CLTV                 7043 non-null    int64  
 32  Churn Reason          1869 non-null    object  
dtypes: float64(3), int64(6), object(24)
memory usage: 1.8+ MB
Columns:
Index(['CustomerID', 'Count', 'Country', 'State', 'City', 'Zip Code',
       'Lat Long', 'Latitude', 'Longitude', 'Gender', 'Senior Citizen',
       'Partner', 'Dependents', 'Tenure Months', 'Phone Service',
       'Multiple Lines', 'Internet Service', 'Online Security',
       'Online Backup', 'Device Protection', 'Tech Support', 'Streaming TV',
       'Streaming Movies', 'Contract', 'Paperless Billing', 'Payment Method',
       'Monthly Charges', 'Total Charges', 'Churn Label', 'Churn Value',
       'Churn Score', 'CLTV', 'Churn Reason'],
      dtype='object')
```

In [ ]: