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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 [ ]: