

In [4]: import pandas as pd

df.head()

import numpy as np

VHVEG

5575-

GNVDE

QPYBK

7795-

HQITU

CFOCW

import seaborn as sns

import matplotlib.pyplot as plt

Female

Male

Female

df = pd.read_csv('Customer Churn.csv')

Yes

No

No

No

No

34

2

No

No

No

0

customerID gender SeniorCitizen Partner Dependents tenure PhoneService MultipleLines InternetService OnlineSecurity ... DeviceProtection TechSupport StreamingTV S

No ...

Yes ...

Yes ...

No ...

No

Yes

No

Yes

No

No

No

No

Yes

No

No

No

No

No

No

No phone

No phone

service

Yes

No

Yes

service

No

DSL

DSL

DSL

DSL

Fiber optic

Month-

month

One

year

Month-

month

One

year

to-

Month-

to-

No

No

No

No

Electronic

Mailed check

Mailed check

Bank transfer

(automatic)

Electronic

check

check

29.8

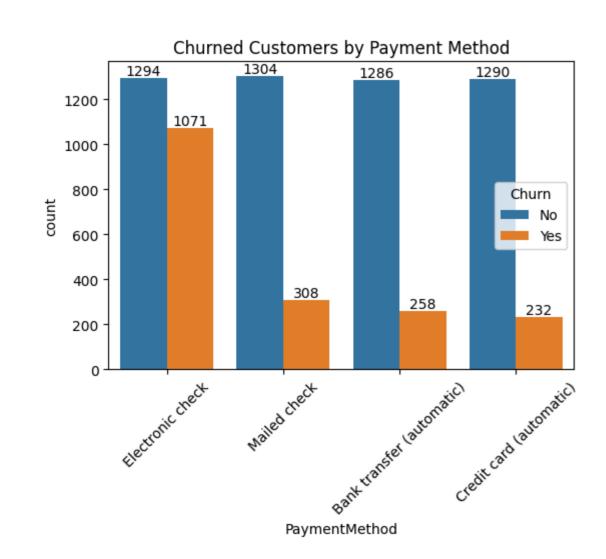
56.9

53.8

42.3

70.

Yes



customer is likely to churn when he is using electronic check as a payment method.