

Main Page for Plotly

Select data file and init proc

create graphs

the graphs

3D plots

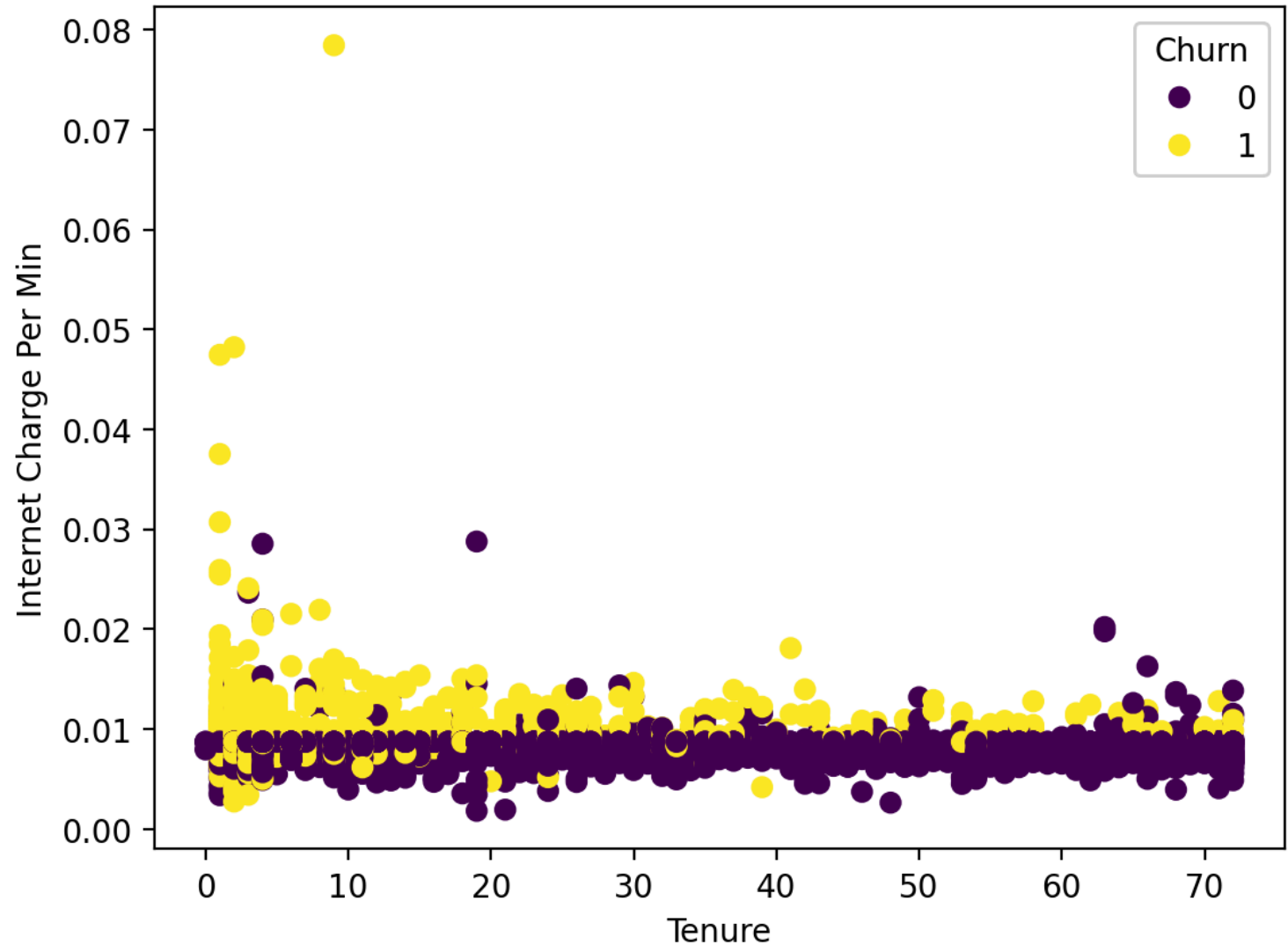
Histo and regression

Project 3 ASU AI Course: Graphing Page

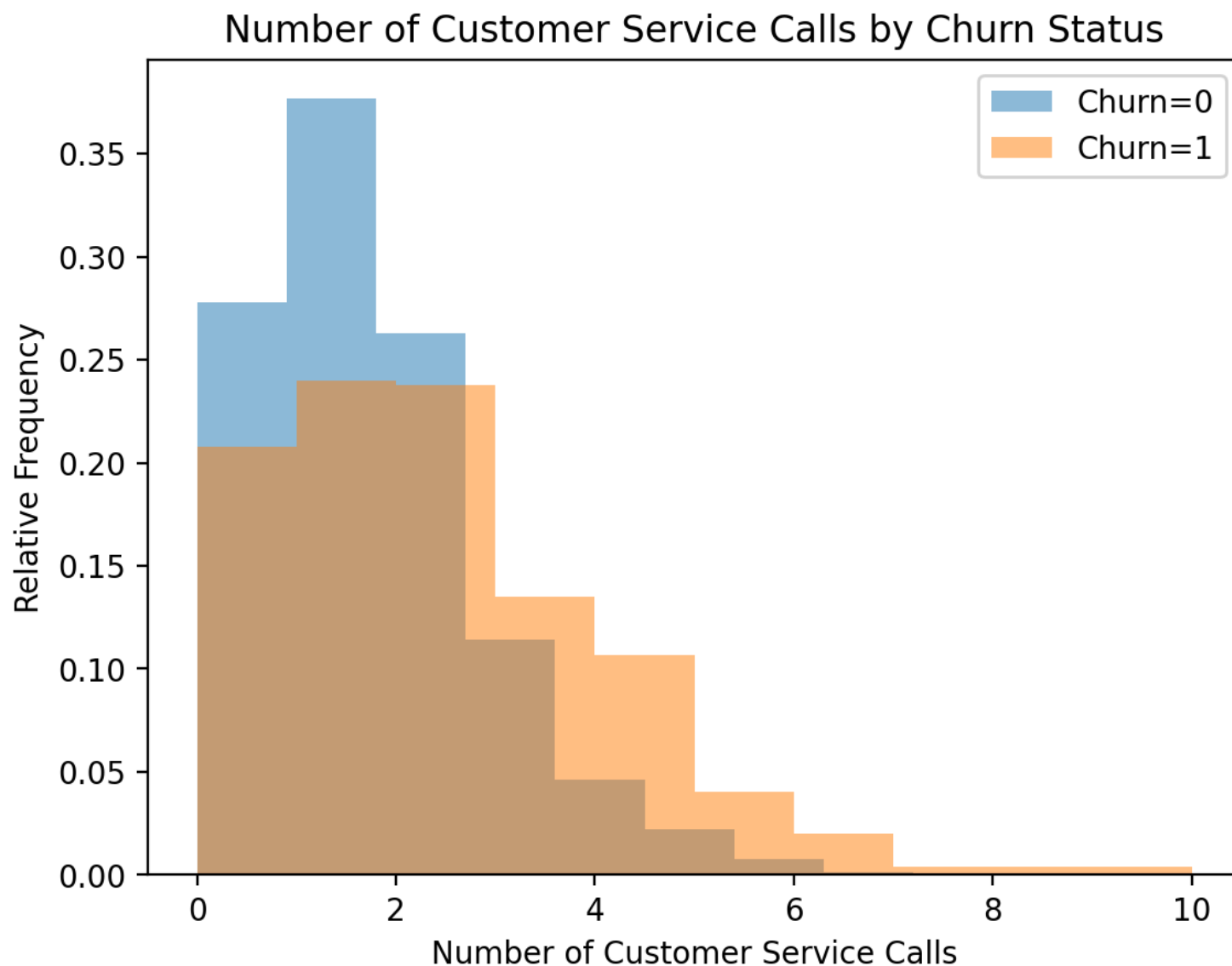
Summary stats: dataframe info ▾

Summary stats: shape and value_counts ▾

The Request: Create a plot of x=tenure, y=internet_charge_per_min and color it by churn. Create x and y labels. Add a legend for churn color.



The Request: Create overlapping histograms for number_customer_service_calls for churn=0 versus churn=1. Since there are many more data rows where churn=0, convert the data to relative frequency

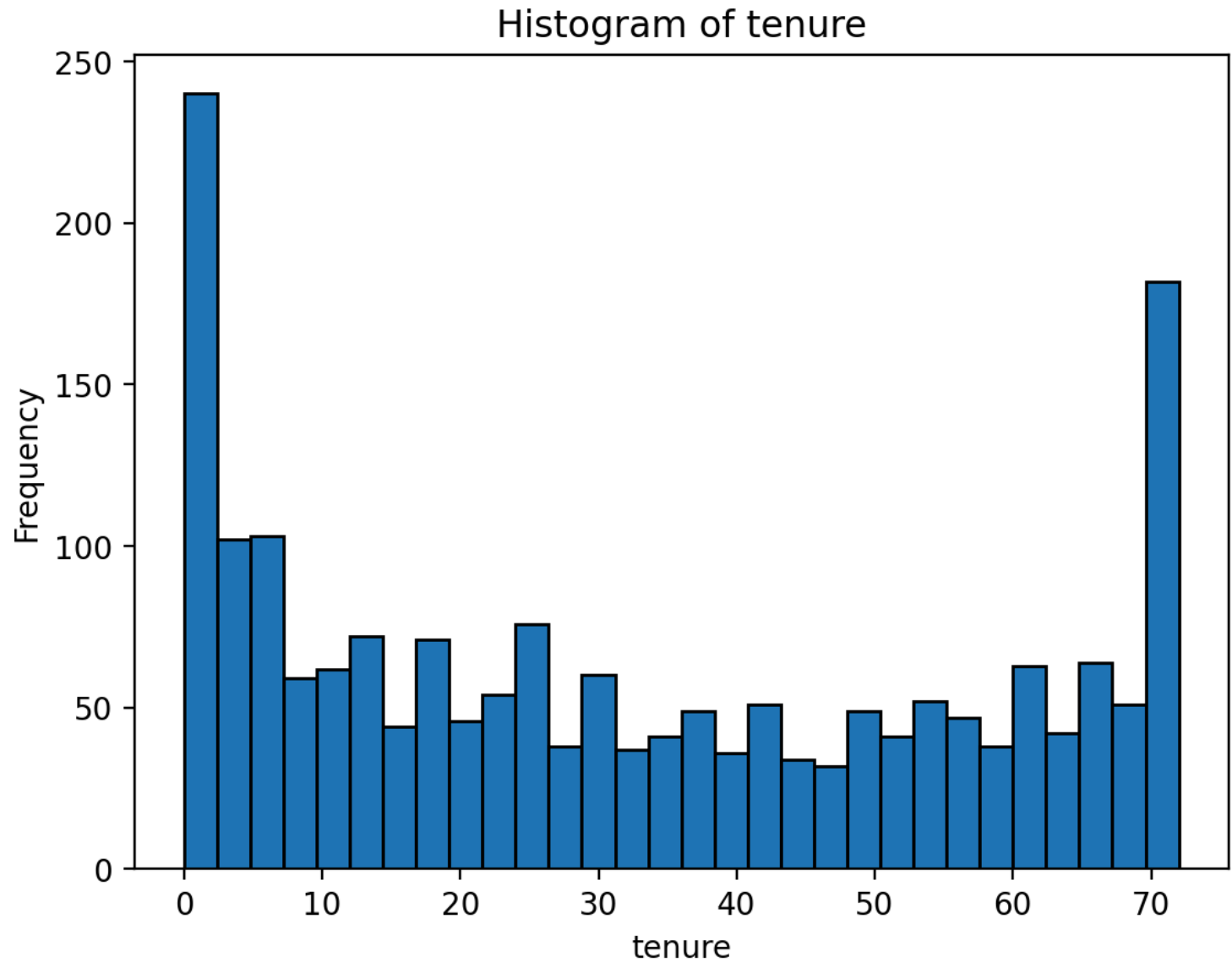


The Request: Create the python code to create an interactive histogram chart in streamlit. There should be a selectionbox where the column in df_initial can be selected. The histogram would then update to show a histogram of the selected column.

Select column for histogram

tenure





The Request: Create the python code to create an interactive scatter chart with the linear regression line overlay in streamlit. There should be two selectionbox's where the x and y columns from df_initial can be selected. The chart would then update to show a scatter plot and regression line for the selected x and y columns.

Scatter Plot with Regression Line

Select the X-axis column

tenure

Select the Y-axis column

avg_monthly_bill

