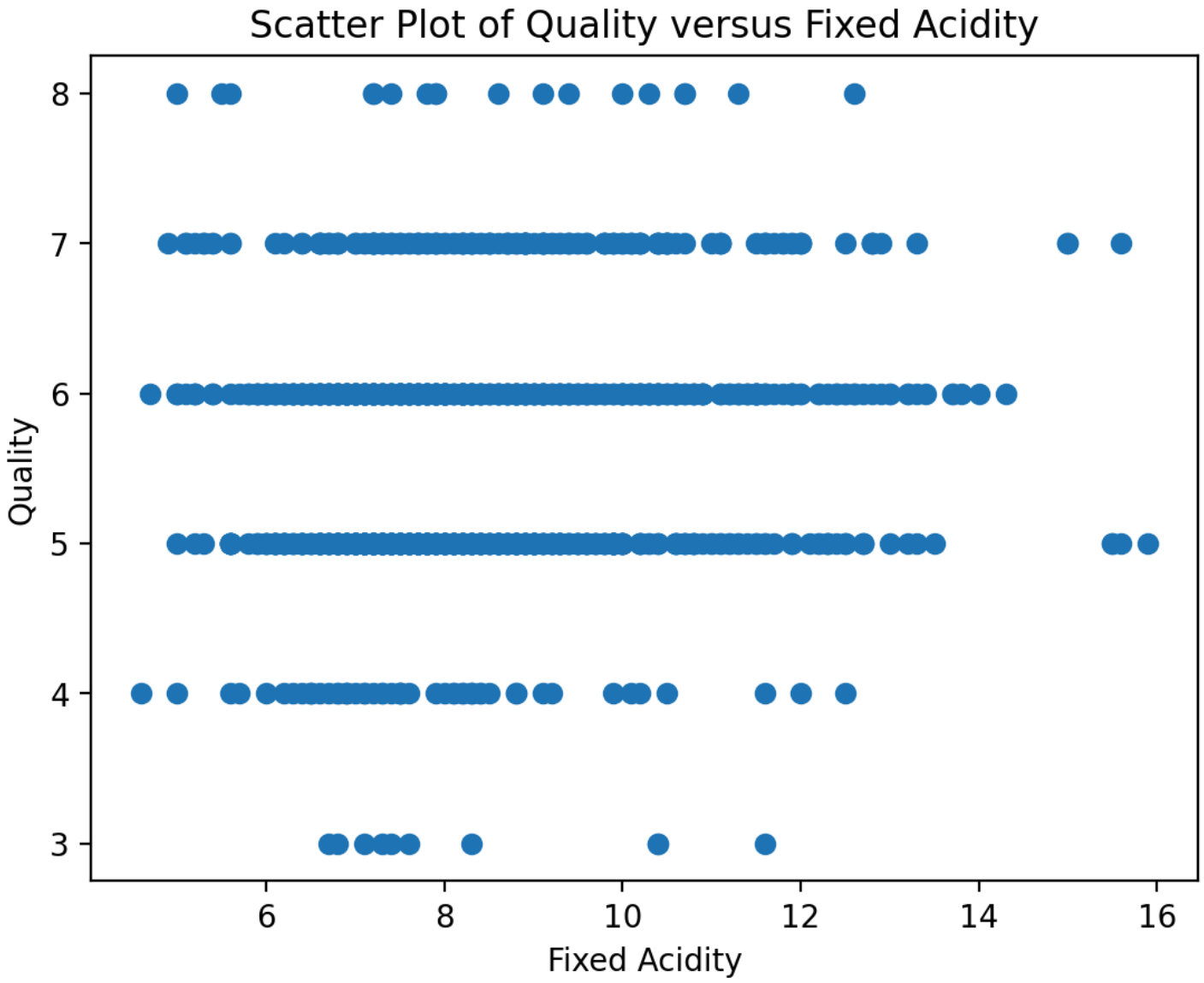
Project 3 ASU AI Course: Graphing Page

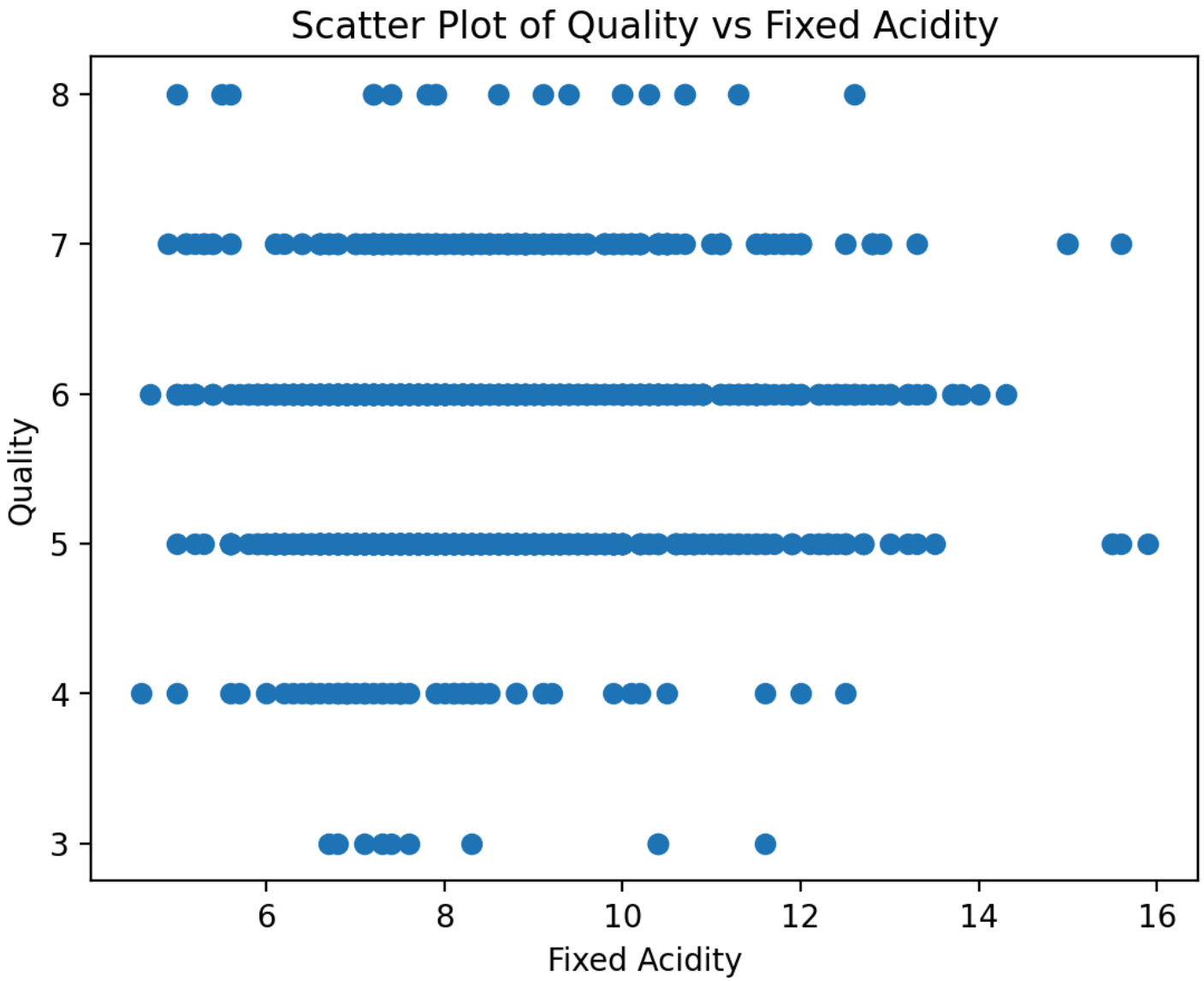
Summary stats: dataframe info

Summary stats: shape and value_counts

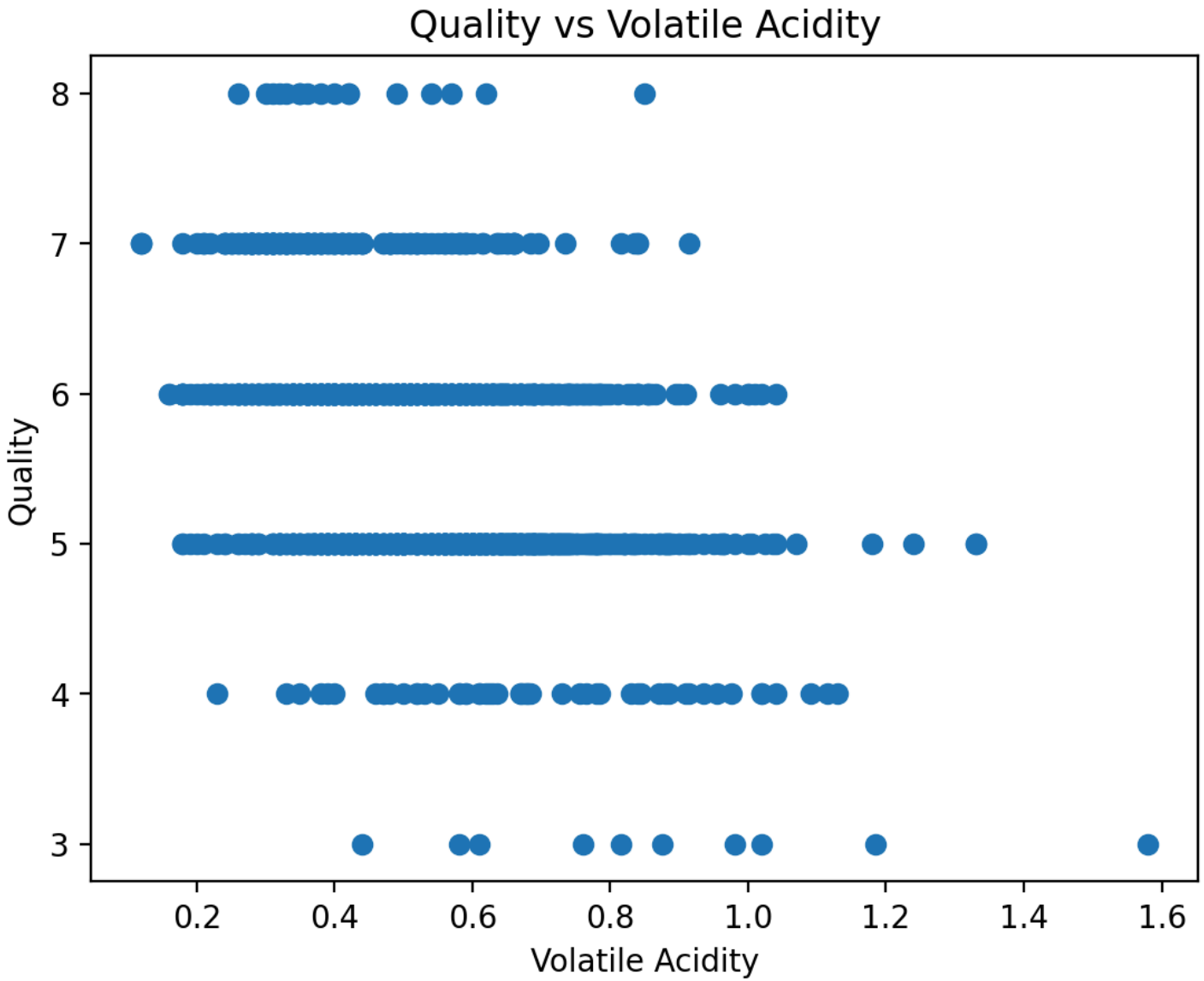
The Request: Generate a scatter plot graph of quality versus fixed_acidity



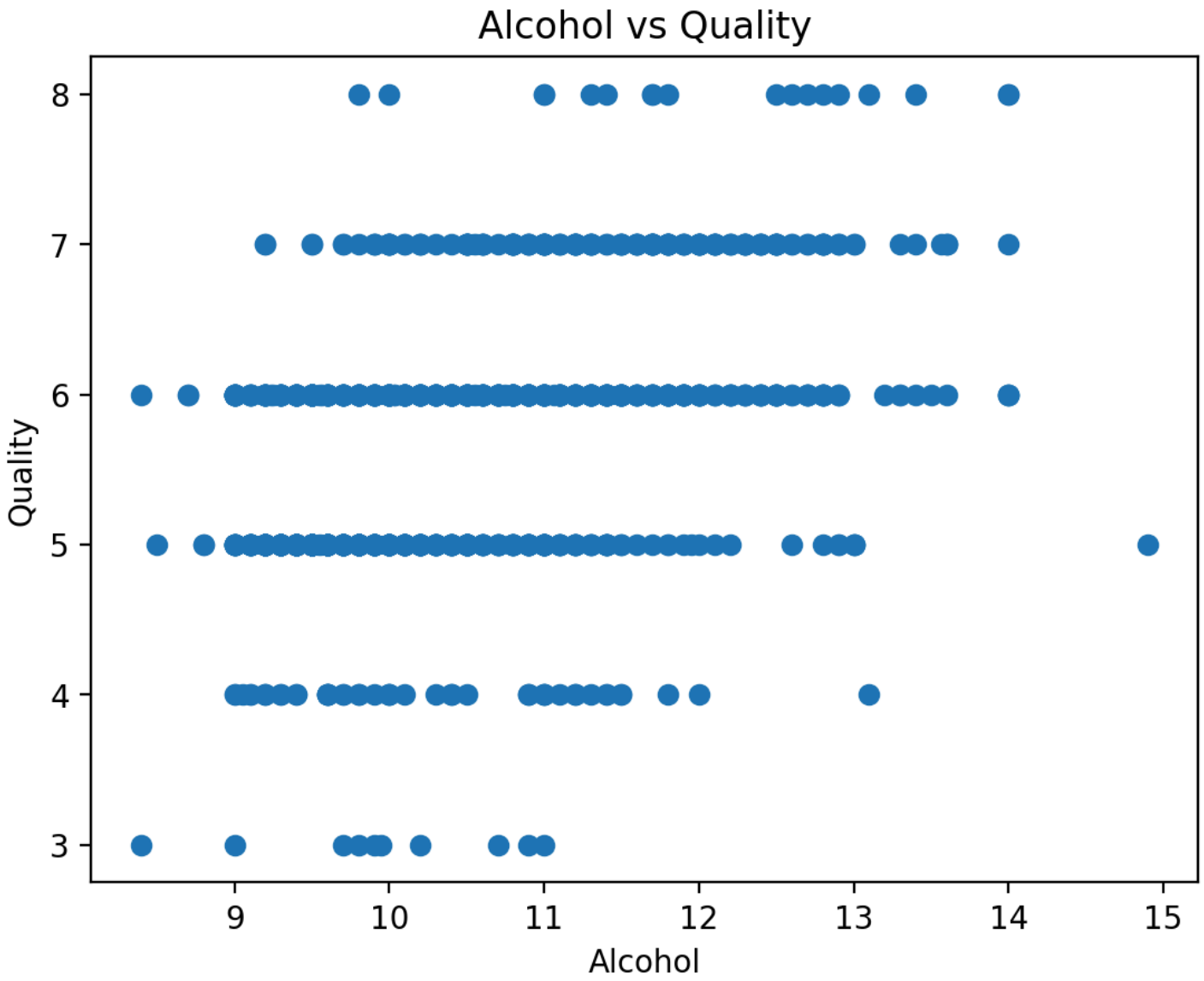
The Request: Generate a scatter plot graph of quality versus fixed_acidity



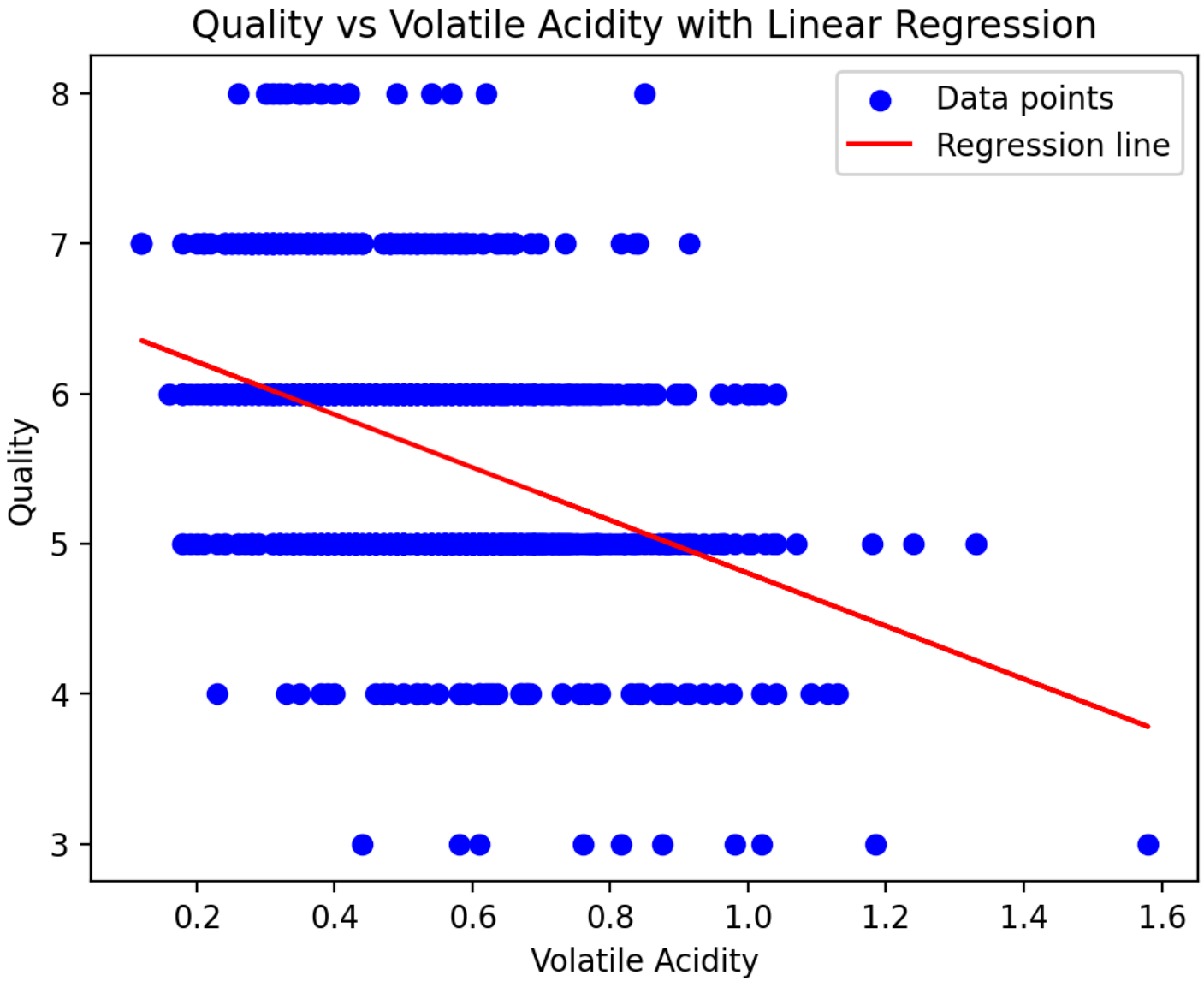
The Request: Generate a scatter plot graph of quality versus volatile_acidity



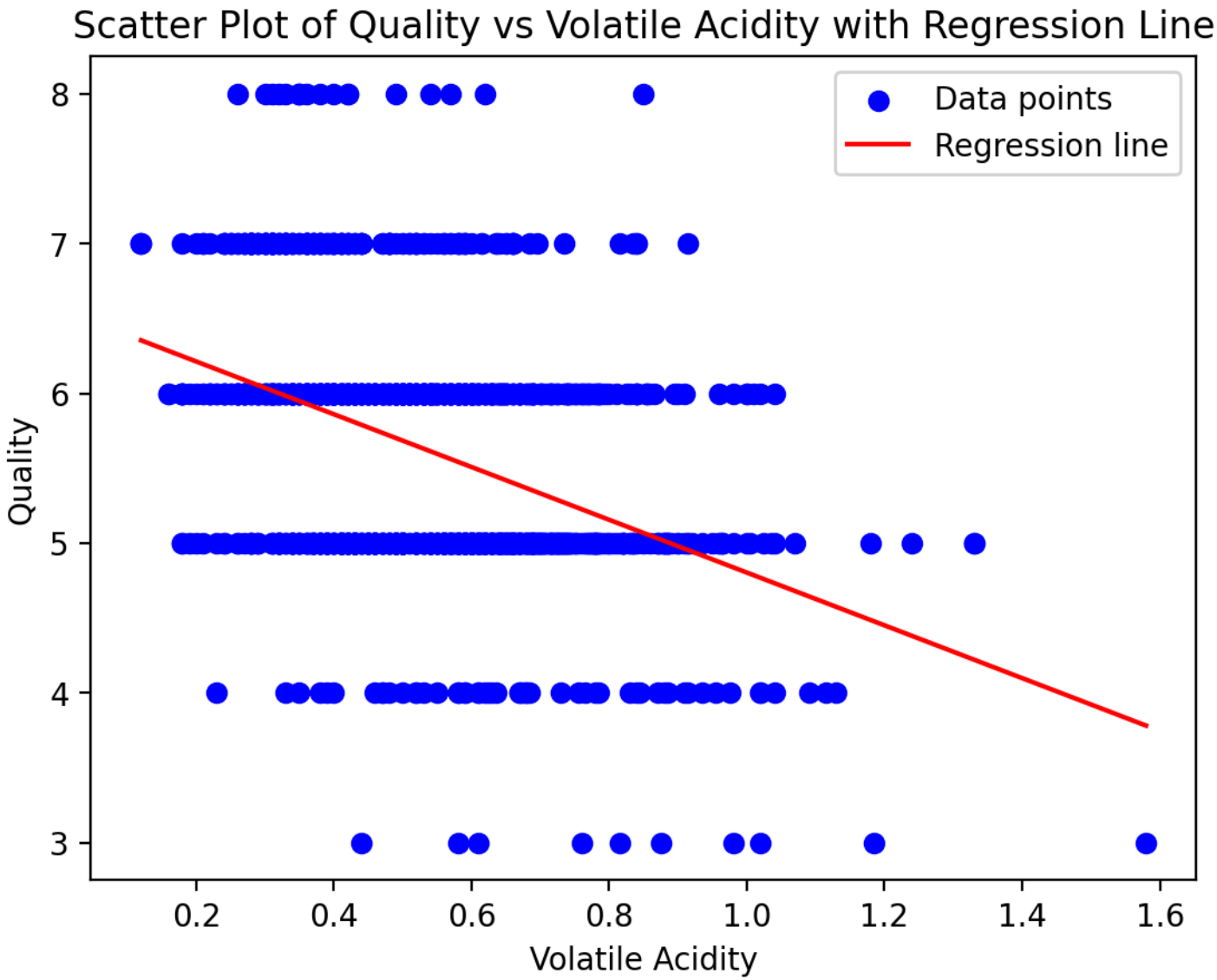
**The Request: Create a graph of **



The Request: Create a graph of quality versus volatile acidity. Use sci-kit_l



The Request: Create a scatter plot of quality versus volatile acidity. Use scikit-learn to perform a regression. Add the regression line to the plot.



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.

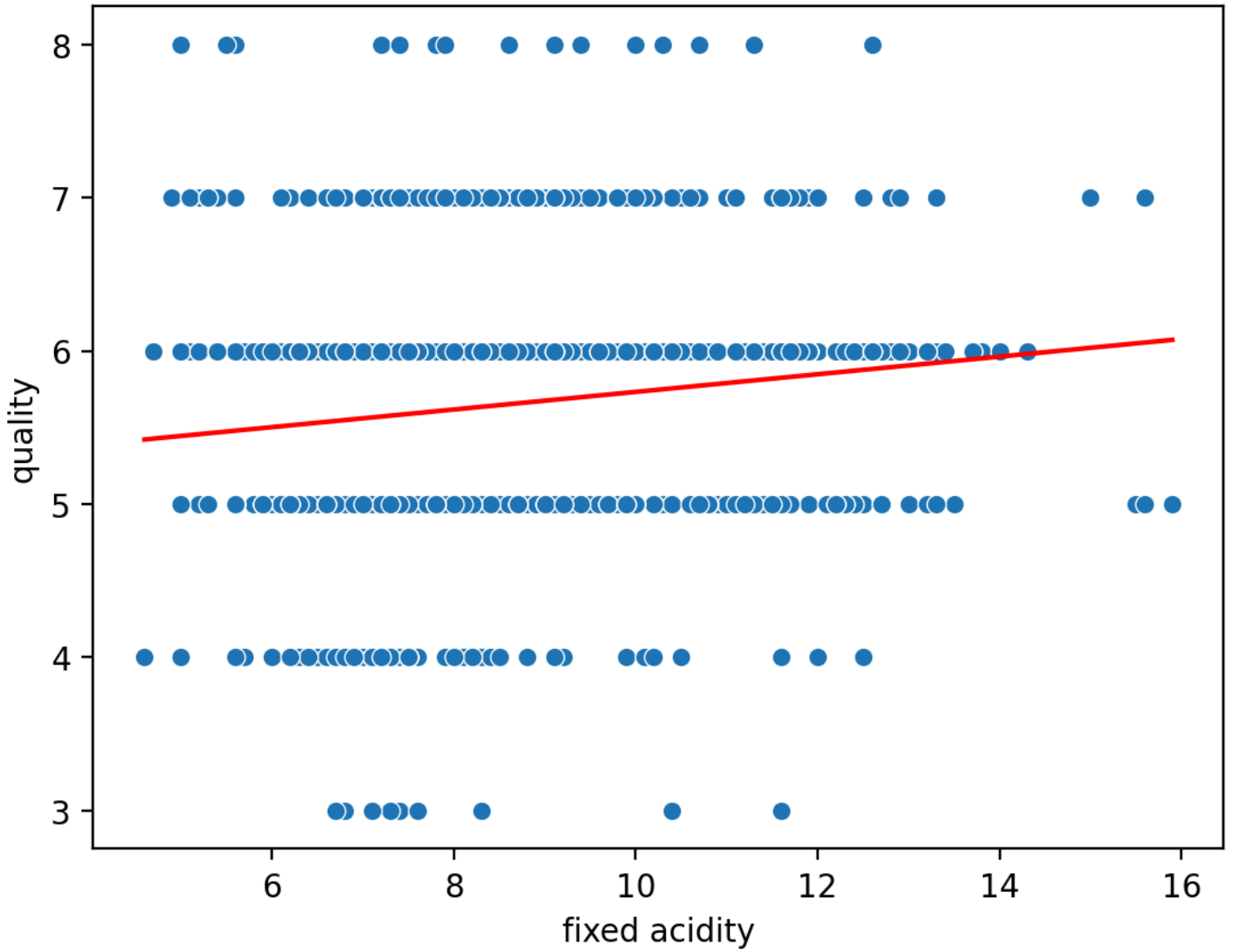
Interactive Scatter Plot with Regression Line

Select the x-axis column

fixed acidity

Select the y-axis column

quality

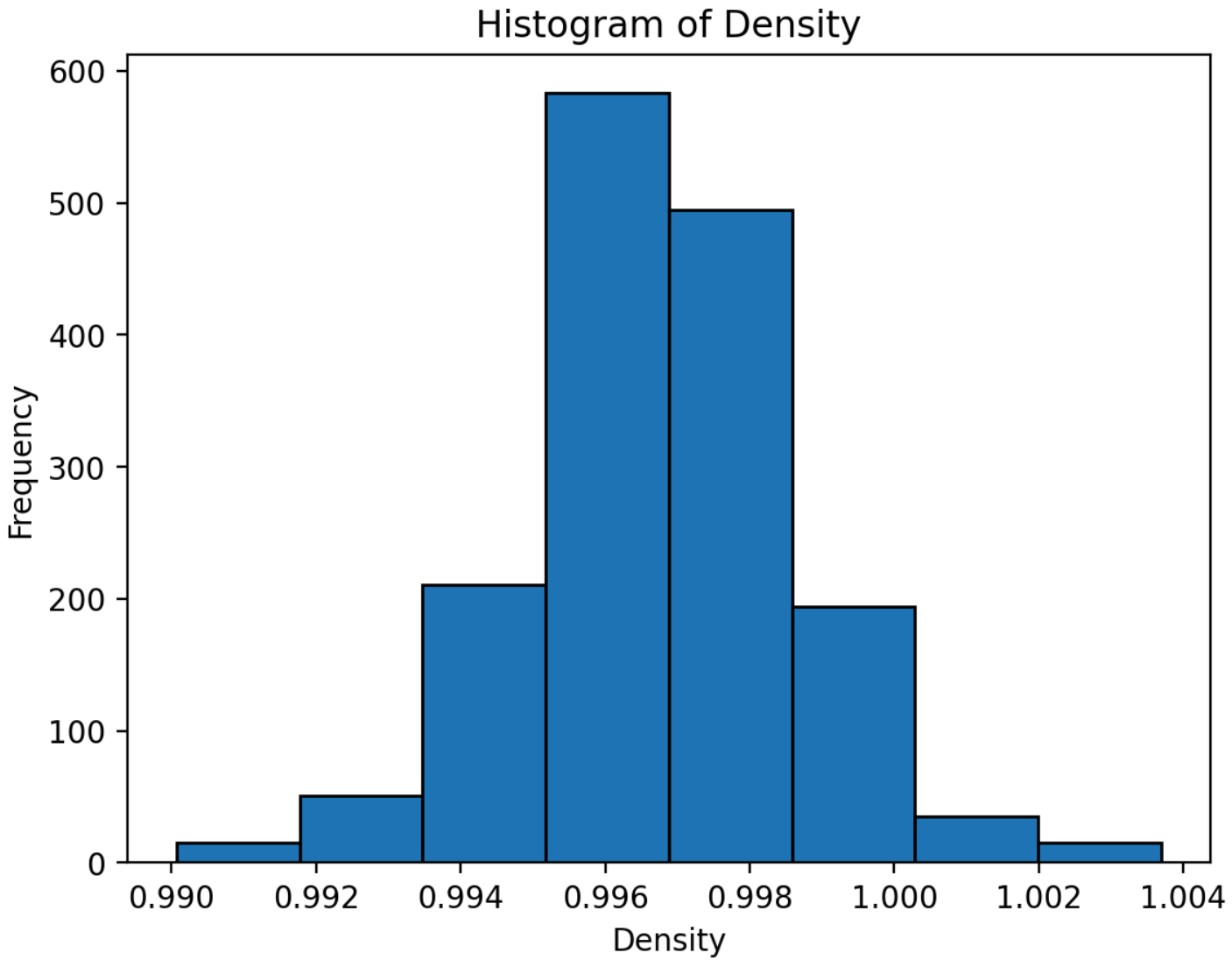


The Request: Generate a histogram of density. Add a streamlit slider

Select number of bins for the histogram:

8

5 50

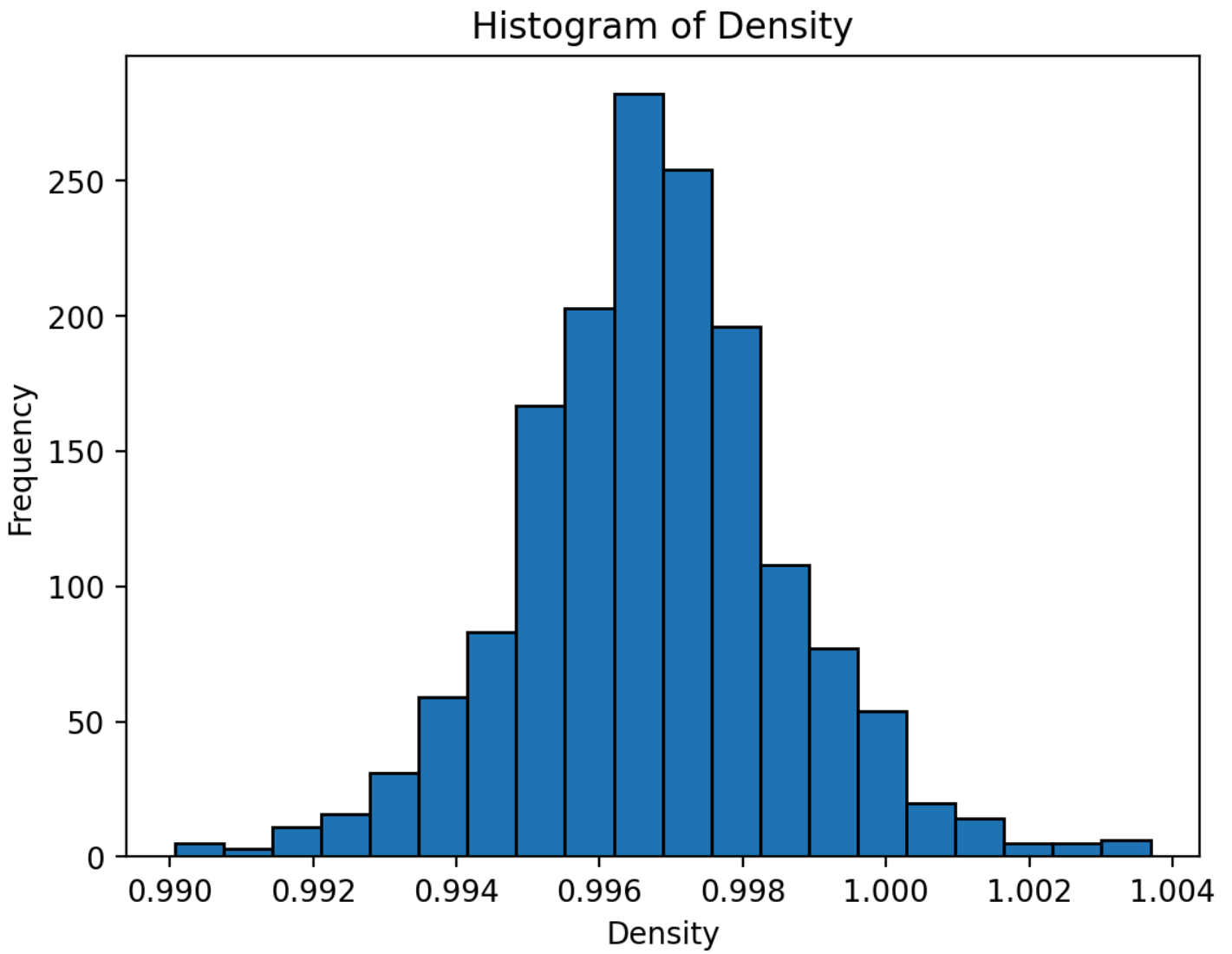


The Request: Generate a histogram of density. Add a streamlit slider widget for the num

Number of bins

20

5 100



The Request: Generate a histogram of density. Add a streamlit slider widget for the the `bin` parameter in the .hist method. Use streamlit columns to place the slider widget to the left of the generated histogram.

Number of bins

20

5 50