

The image shows a VS Code editor window with a file named `streamlit_app.py` open. The code is as follows:

```

1 import streamlit as st
2 import pandas as pd
3 import matplotlib.pyplot as plt
4
5 st.set_page_config(page_title="CSV Data Analyzer", layout="wide")
6 st.title("CSV Data Analysis Web App")
7
8 # File Upload
9 uploaded_file = st.file_uploader("Upload your CSV file", type=["csv"])
10
11 if uploaded_file:
12     # Read CSV
13     df = pd.read_csv(uploaded_file)
14
15     st.subheader("Data Preview")
16     st.dataframe(df)
17
18     st.subheader("Data Description")
19     st.write(df.describe())
20
21 # Select column for plotting
22 numeric_cols = df.select_dtypes(include=['int64', 'float64']).columns

```

The terminal at the bottom shows the command `streamlit run streamlit_app.py` being executed, and the output indicates the application is running on `http://localhost:8501`.

The screenshot displays the VS Code editor with a file named `streamlit_app.py` open. The code is as follows:

```

24 if len(numeric_cols) > 0:
25     st.subheader("Matplotlib Charts")
26
27     col = st.selectbox("Select a numeric column to visualize:", numeric_cols)
28
29     # Line plot
30     st.write("### Line Chart")
31     fig, ax = plt.subplots()
32     ax.plot(df[col])
33     ax.set_title(f"{col} Line Plot")
34     ax.set_xlabel("Index")
35     ax.set_ylabel(col)
36     st.pyplot(fig)
37
38     # Histogram
39     st.write("### Histogram")
40     fig2, ax2 = plt.subplots()
41     ax2.hist(df[col], bins=20)
42     ax2.set_title(f"{col} Histogram")
43     ax2.set_xlabel(col)
44     ax2.set_ylabel("Frequency")
45     st.pyplot(fig2)

```

The bottom terminal shows the command to run the app and the resulting local and network URLs:

```

(.venv) D:\VSCode\25-11-2025>streamlit run streamlit_app.py

You can now view your Streamlit app in your browser.

Local URL: http://localhost:8501
Network URL: http://192.168.1.41:8501

```