POC Builder

Build fully-functional proof-of-concept applications!

Please specify your requirements in natural language

> Create a sample streamlit app with dataframe, static table, line chart, and scattarplot

[Generate POC]

Here's a sample Streamlit app that includes a dataframe, static table, line chart, and scatterplot using th
pandas and matplotlib libraries. Make sure to install the required packages before running the app.

```python
import streamlit as st
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt

# Sample data
data = {
    "A": np.random.rand(10),
    "B": np.random.rand(10),
    "C": np.random.rand(10),
    "D": np.random.rand(10),
}

# Create a DataFrame
```

```python
df = pd.DataFrame(data)

# Streamlit app
st.title("Sample Streamlit App")

st.header("Dataframe")
st.write(df)

st.header("Static Table")
st.table(df)

st.header("Line Chart")
fig, ax = plt.subplots()
ax.plot(df.index, df["A"], label="A")
ax.plot(df.index, df["B"], label="B")
ax.plot(df.index, df["C"], label="C")
ax.plot(df.index, df["D"], label="D")
ax.set_xlabel("Index")
ax.set_ylabel("Values")
ax.set_title("Line Chart")
ax.legend()
st.pyplot(fig)

st.header("Scatterplot")
fig2, ax2 = plt.subplots()
ax2.scatter(df["A"], df["B"], label="A vs B")
ax2.scatter(df["C"], df["D"], label="C vs D")
ax2.set_xlabel("X-axis")
ax2.set_ylabel("Y-axis")
ax2.set_title("Scatterplot")
ax2.legend()
st.pyplot(fig2)
```

Save this code in a file named `app.py` and run the following command in your terminal to start the Streamlit app:

```
streamlit run app.py
```

This will open a browser window with the Streamlit app displaying the dataframe, static table, line char

and scatterplot.

Launch POC

Made with Streamlit