

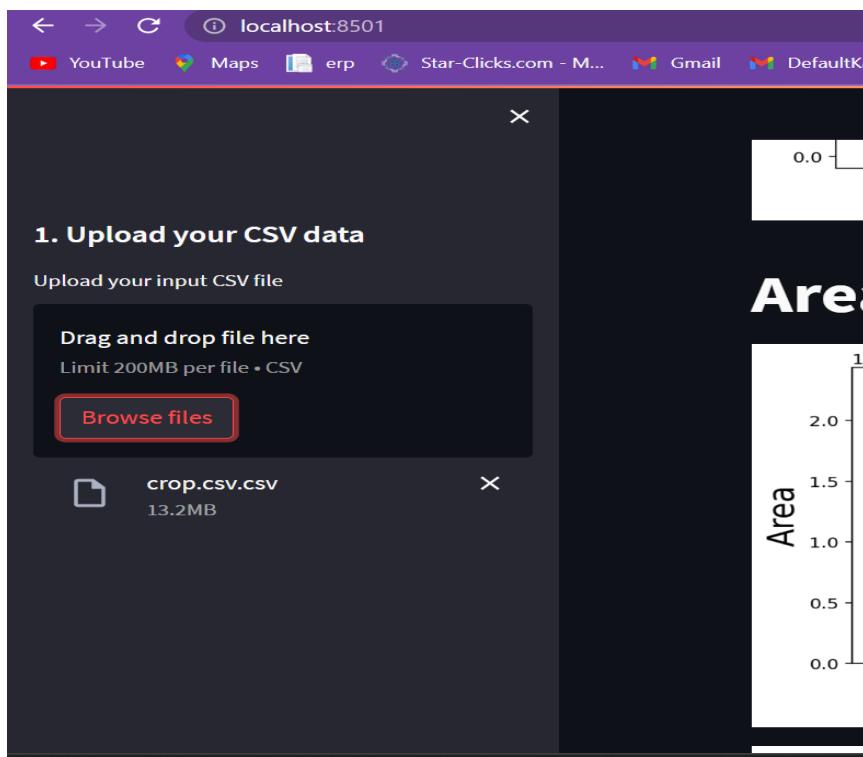
Sprint 3 -DashBoard:

CODE:

```
with st.sidebar.header('1. Upload your CSV data'):
```

```
    uploaded_file = st.sidebar.file_uploader("Upload your input CSV file", type=["csv"])
```

OUTPUT :



CODE:

```
if uploaded_file is not None:
```

```
    @st.cache
```

```
    def load_csv():
```

```
        csv = pd.read_csv(uploaded_file)
```

```
        return csv
```

```
    df = load_csv()
```

```
    pr = ProfileReport(df, explorative=True)
```

```
    st.header('**Input DataFrame**')
```

```
    st.write(df)
```

```
    st.write('---')
```

```
    st.header('**Pandas Profiling Report**')
```

```
st_profile_report(pr)

else:
    st.info('Awaiting for CSV file to be uploaded.')
```

OUTPUT :

The screenshot shows a web browser window at `localhost:8501`. On the left, there's a sidebar titled "1. Upload your CSV data" with a file upload interface. A file named "crop.csv.csv" (13.2MB) is listed. The main content area has tabs: "Overview", "Warnings 6", and "Reproduction". The "Reproduction" tab is active, displaying the following analysis details:

Analysis started	2022-11-04 01:11:41.286518
Analysis finished	2022-11-04 01:11:48.401414
Duration	7.11 seconds
Software version	pandas-profiling v2.10.0
Download configuration	config.yaml

Below this, a section titled "Variables" lists a single variable:

State_Name	Categorical
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Dataset statistics:

Number of variables	7
Number of observations	246091
Missing cells	3730
Missing cells (%)	0.2%
Duplicate rows	0
Duplicate rows (%)	0.0%
Total size in memory	68.0 MiB
Average record size in memory	289.7 B

Variable types:

Categorical	4
Numeric	3

