Data Science

A simple Data App With Streamlit

Let's Explore different classifiers and datasets

	0	1	2	3	4	5	6	7	8	9	10	11
0	17.99	10.38	122.8	1,001	0.1184	0.2776	0.3001	0.1471	0.2419	0.0787	1.095	0.9053
1	20.57	17.77	132.9	1,326	0.0847	0.0786	0.0869	0.0702	0.1812	0.0567	0.5435	0.7339
2	19.69	21.25	130	1,203	0.1096	0.1599	0.1974	0.1279	0.2069	0.06	0.7456	0.7869
3	11.42	20.38	77.58	386.1	0.1425	0.2839	0.2414	0.1052	0.2597	0.0974	0.4956	1.156
4	20.29	14.34	135.1	1,297	0.1003	0.1328	0.198	0.1043	0.1809	0.0588	0.7572	0.7813
5	12.45	15.7	82.57	477.1	0.1278	0.17	0.1578	0.0809	0.2087	0.0761	0.3345	0.8902
6	18.25	19.98	119.6	1,040	0.0946	0.109	0.1127	0.074	0.1794	0.0574	0.4467	0.7732
7	13.71	20.83	90.2	577.9	0.1189	0.1645	0.0937	0.0599	0.2196	0.0745	0.5835	1.377
8	13	21.82	87.5	519.8	0.1273	0.1932	0.1859	0.0935	0.235	0.0739	0.3063	1.002
9	12.46	24.04	83.97	475.9	0.1186	0.2396	0.2273	0.0854	0.203	0.0824	0.2976	1.599

Shape of the Dataset: `(569, 30)`

Unique target variables: `2`

PyplotGlobalUseWarning: You are calling `st.pyplot()` without any arguments. After December 1st, 2020, we will remove the ability to do this as it requires the use of Matplotlib's global figure object, which is not thread-safe.

To future-proof this code, you should pass in a figure as shown below:

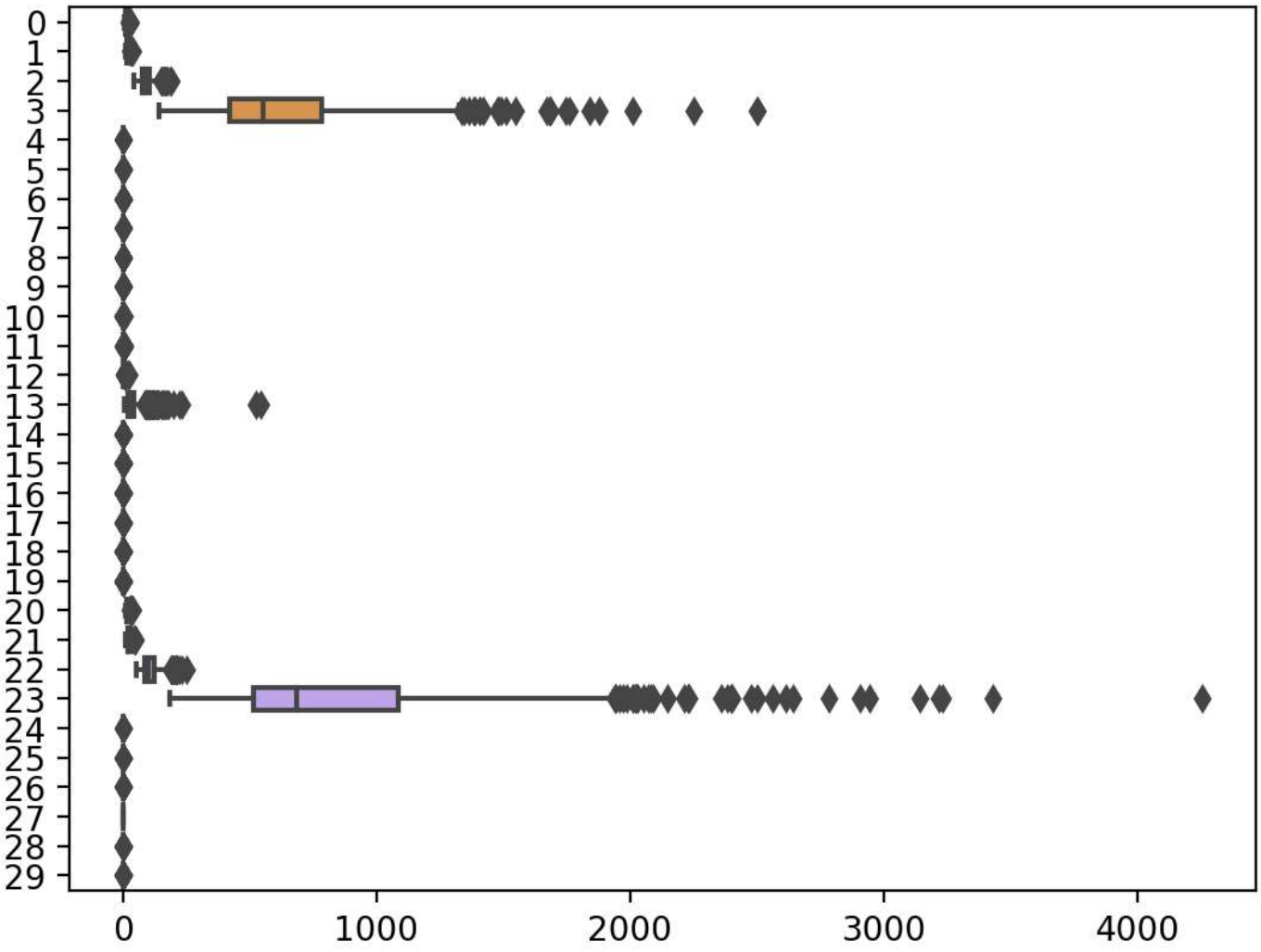
```
>>> fig, ax = plt.subplots()
>>> ax.scatter([1, 2, 3], [1, 2, 3])
>>>    ... other plotting actions ...
>>> st.pyplot(fig)
```

You can disable this warning by disabling the config option: `deprecation.showPyplotGlobalUse`

```
st.set_option('deprecation.showPyplotGlobalUse', False)
```

or in your `.streamlit/config.toml`

```
[deprecation]
showPyplotGlobalUse = false
```



PyplotGlobalUseWarning: You are calling `st.pyplot()` without any arguments. After December 1st, 2020, we will remove the ability to do this as it requires the use of Matplotlib's global figure object, which is not thread-safe.

To future-proof this code, you should pass in a figure as shown below:

```
>>> fig, ax = plt.subplots()
>>> ax.scatter([1, 2, 3], [1, 2, 3])
>>>    ... other plotting actions ...
>>> st.pyplot(fig)
```

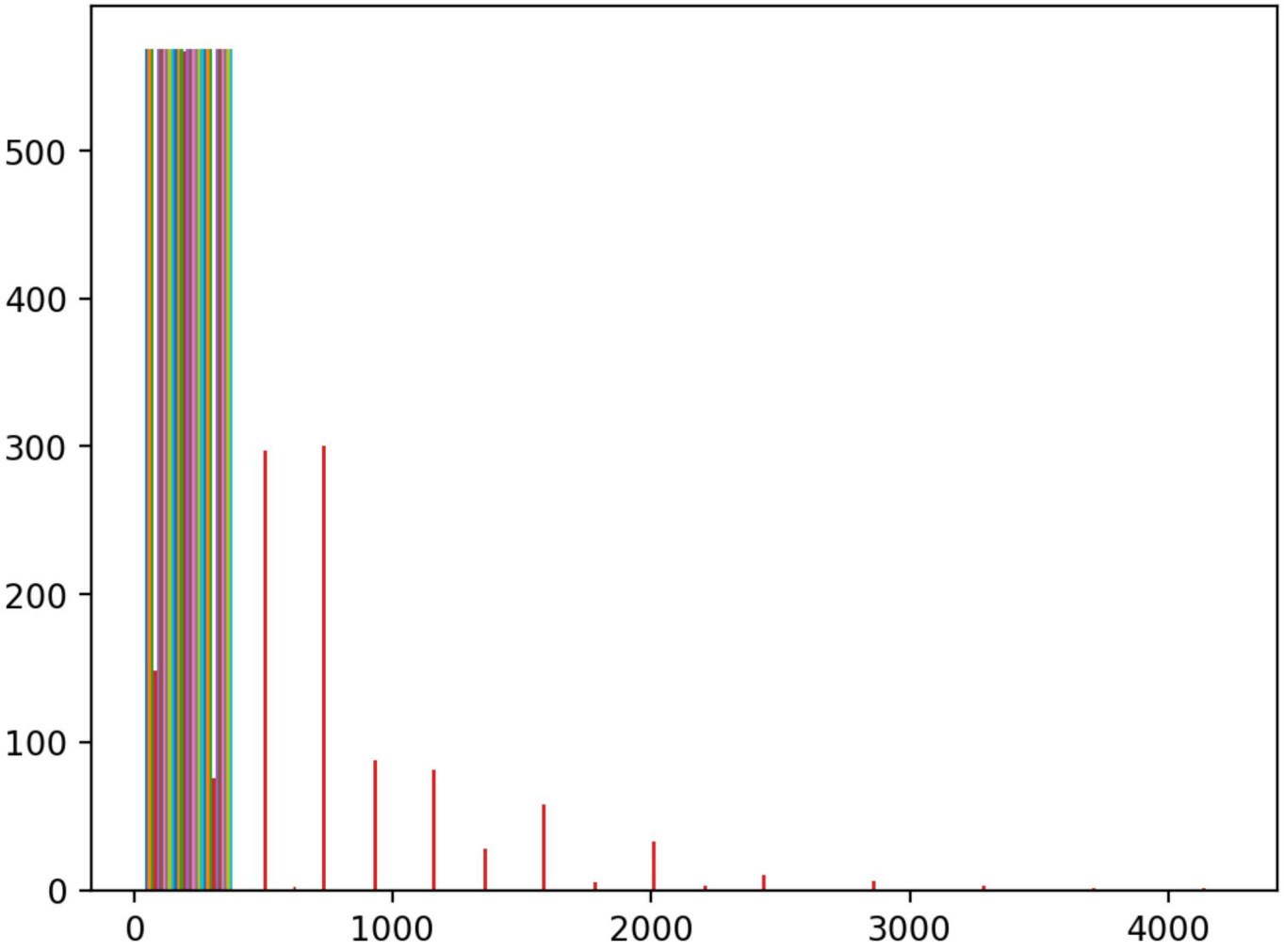
You can disable this warning by disabling the config option: `deprecation.showPyplotGlobalUse`

```
st.set_option('deprecation.showPyplotGlobalUse', False)
```

or in your `.streamlit/config.toml`

```
[deprecation]
```

```
showPyplotGlobalUse = false
```



	0
0	1
1	1
2	1
3	1
4	1
5	1
6	1
7	1
8	0
9	1

classifier_name: SVM

Acccuray for your model is: `0.7807017543859649`