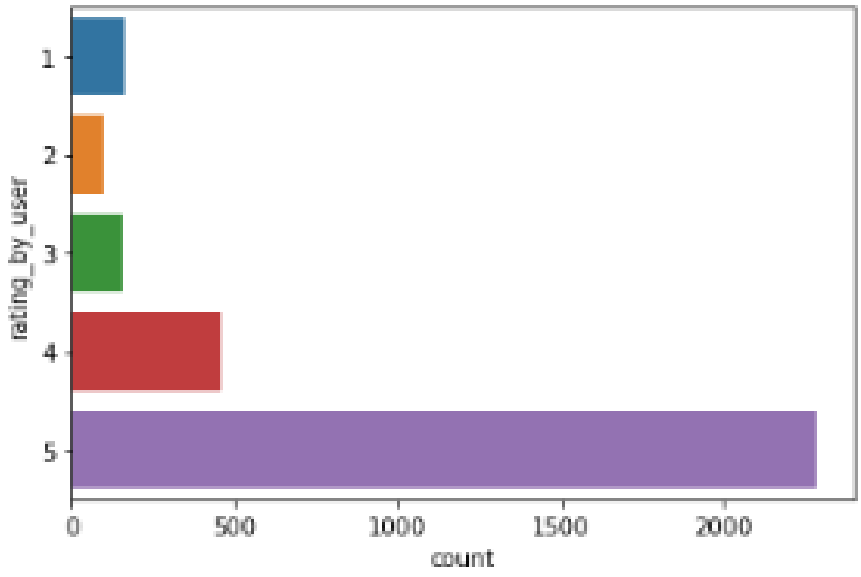
ML Project Output Results

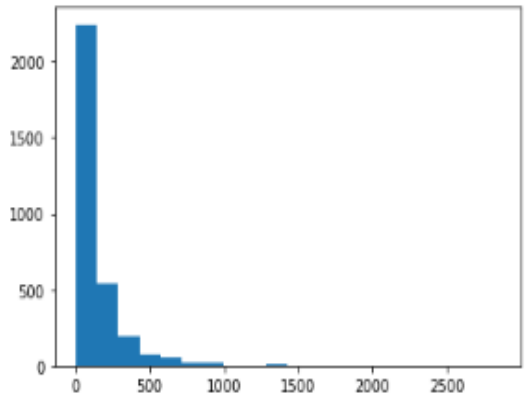
SENTIMENT ANALYSIS ON AMAZON REVIEWS

OUTPUT SCREENSHOTS:

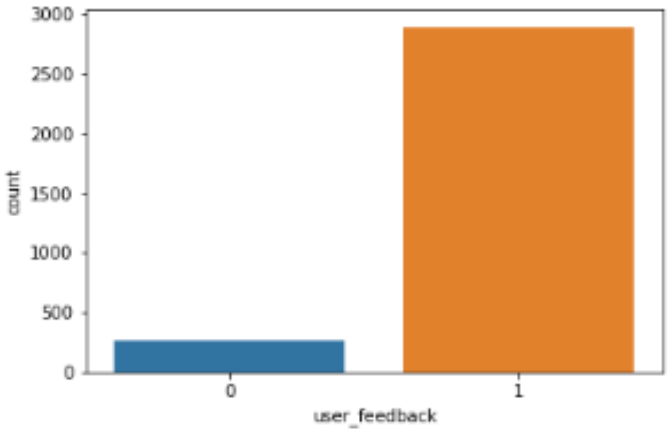
```
Out[87]: <AxesSubplot:xlabel='count', ylabel='rating_by_user'>
```



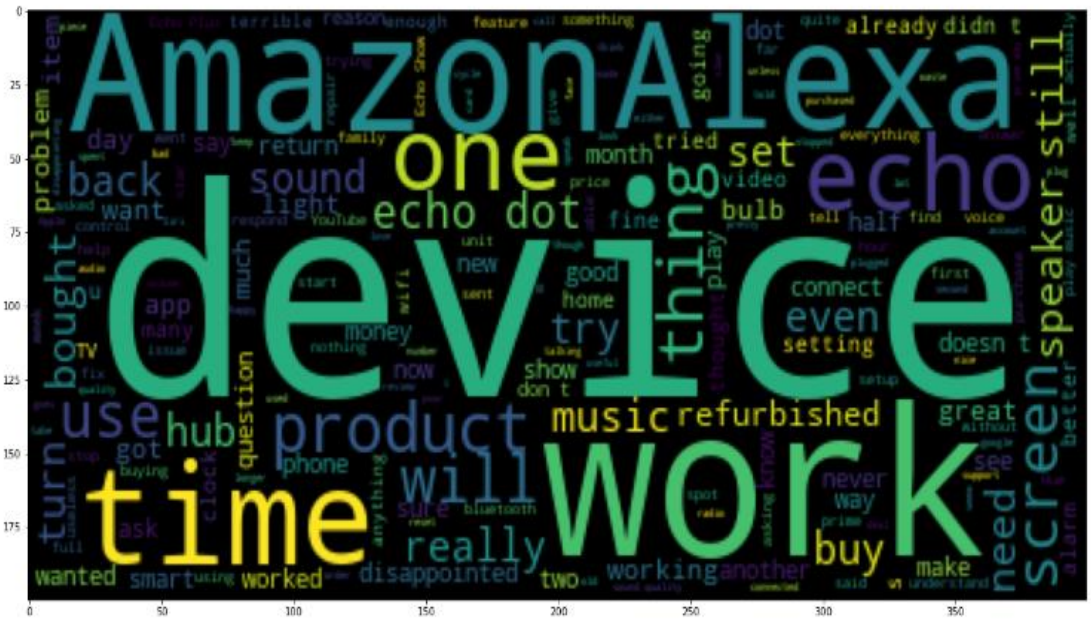
Out[94]: (array([2.245e+03, 5.370e+02, 1.880e+02, 7.800e+01, 5.100e+01, 2.100e+01,
1.500e+01, 3.000e+00, 1.000e+00, 5.000e+00, 1.000e+00, 1.000e+00,
1.000e+00, 1.000e+00, 0.000e+00, 0.000e+00, 1.000e+00, 0.000e+00,
0.000e+00, 1.000e+00]),
array([1.0000e+00, 1.4350e+02, 2.8600e+02, 4.2850e+02, 5.7100e+02,
7.1350e+02, 8.5600e+02, 9.9850e+02, 1.1410e+03, 1.2835e+03,
1.4260e+03, 1.5685e+03, 1.7110e+03, 1.8535e+03, 1.9960e+03,
2.1385e+03, 2.2810e+03, 2.4235e+03, 2.5660e+03, 2.7085e+03,
2.8510e+03]),
<BarContainer object of 20 artists>)



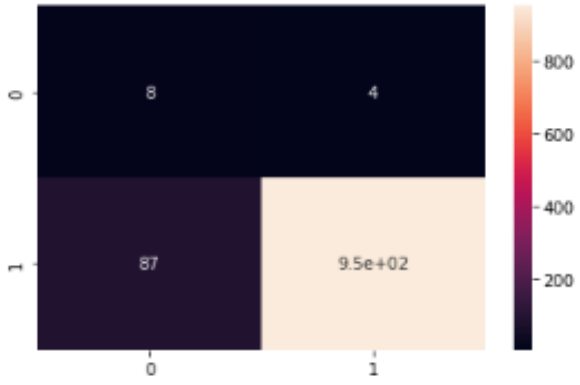
Out[11]: <AxesSubplot:xlabel='user_feedback', ylabel='count'>



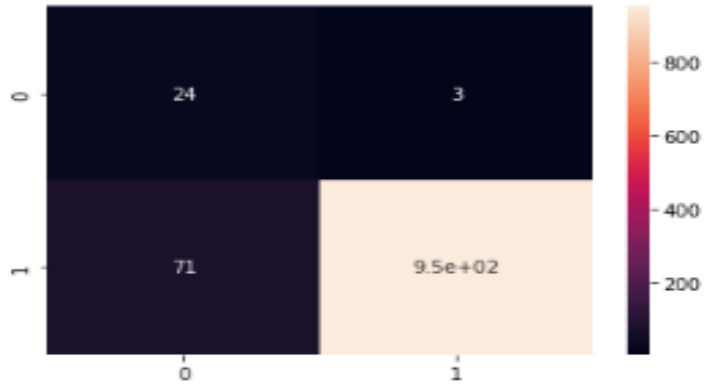
Out[20]: <matplotlib.image.AxesImage at 0x7fe3c1c95e80>



	precision	recall	f1-score	support
0	0.67	0.08	0.15	95
1	0.92	1.00	0.95	955
accuracy			0.91	1050
macro avg	0.79	0.54	0.55	1050
weighted avg	0.89	0.91	0.88	1050



	precision	recall	f1-score	support
0	0.89	0.25	0.39	95
1	0.93	1.00	0.96	955
accuracy			0.93	1050
macro avg	0.91	0.62	0.68	1050
weighted avg	0.93	0.93	0.91	1050



	precision	recall	f1-score	support
0	0.57	0.24	0.34	95
1	0.93	0.98	0.95	955
accuracy			0.92	1050
macro avg	0.75	0.61	0.65	1050
weighted avg	0.90	0.92	0.90	1050