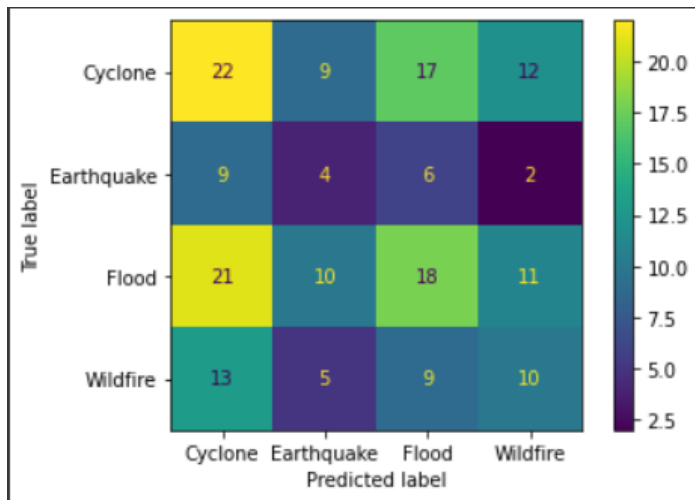


Final Deliverables
Performance testing

Date	17 November 2022
Team ID	PNT2022TMID17906
Project Name	Natural Disaster Intensity Analysis and Classification using Artificial Intelligence
Maximum Marks	4 Marks

Confusion Matrix:



Accuracy:

```
accuracy_score(actual, predicted)
```

```
0.30337078651685395
```

Precision:

```
precision_score(actual, predicted, average='weighted')
```

```
0.3116804543770836
```

Recall:

```
recall_score(actual, predicted, average='weighted')
```

```
0.30337078651685395
```

F1-score:

```
f1_score([actual, predicted], average='weighted')
```

```
0.3059702968691733
```

Classification Report:

```
print(classification_report(actual, predicted))
```

	precision	recall	f1-score	support
0	0.34	0.37	0.35	60
1	0.14	0.19	0.16	21
2	0.36	0.30	0.33	60
3	0.29	0.27	0.28	37
accuracy			0.30	178
macro avg	0.28	0.28	0.28	178
weighted avg	0.31	0.30	0.31	178