|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | Accuracy | Precision | Recall | F-1 Score |
| LSTM (hidden =32, layers =1, batch= 32) | 0.70 | 0.76 | 0.69 | 0.68 |
| LSTM (hidden =64, layers =1, batch= 32) | 0.65 | 0.66 | 0.64 | 0.63 |
| LSTM (hidden =128, layers =1, batch= 32) | 0.47 | 0.47 | 0.47 | 0.47 |
| LSTM (hidden =32, layers =2, batch= 64) | 0.68 | 0.75 | 0.67 | 0.65 |
| LSTM (hidden =32, layers =4, batch= 128) | 0.75 | 0.75 | 0.75 | 0.75 |
| LSTM (hidden =32, layers =6, batch= 128) | 0.78 | 0.78 | 0.77 | 0.77 |
| LSTM (hidden =32, layers =8, batch= 128) | **0.80** | **0.81** | **0.80** | **0.80** |

Oscam razer + Universal theorem

Graphical user interface

Description automatically generated