HINDI

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | Accuracy | Precision | Recall | F-1 Score |
| Bi-LSTM + Attention (hidden =32, layers =1, batch= 32) | 0.57 | 0.57 | 0.57 | 0.56 |
| Bi-LSTM + Attention (hidden =32, layers =4, batch= 128) | 0.74 | 0.74 | 0.74 | 0.74 |
| Bi-LSTM + Attention (hidden =64, layers =4, batch= 128) | 0.62 | 0.62 | 0.61 | 0.61 |
| Bi-LSTM + Attention (hidden =32, layers =6, batch= 128) | 0.61 | 0.61 | 0.60 | 0.59 |
| Bi-LSTM + Attention (hidden =32, layers =8, batch= 128) | 0.62 | 0.70 | 0.60 | 0.65 |

BENGALI

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | Accuracy | Precision | Recall | F-1 Score |
| Bi-LSTM + Attention (hidden =32, layers =1, batch= 32) | - | - | - | - |
| Bi-LSTM + Attention (hidden =32, layers =4, batch= 128) | 0.75 | 0.75 | 0.75 | 0.75 |
| Bi-LSTM + Attention (hidden =64, layers =4, batch= 128) | - | - | - | - |
| Bi-LSTM + Attention (hidden =32, layers =6, batch= 128) | - | - | - | - |
| Bi-LSTM + Attention (hidden =32, layers =8, batch= 128) | - | - | - | - |