

Model Comparison and Parameters

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gray!30 Model	Pretrained Model	Test Ac- curacy	Test Preci- sion	Test Re- call	Test F1 Score	CV Avg Accuracy	CV Avg Precision	CV Avg Recall	CV Avg F1 Score	Parameters
Roberta	roberta-base	0.6622	0.6430	0.6455	0.6358	0.5750	0.4410	0.5028	0.4501	Epochs: 5, LR: 0.00008, Train Batch: 8, Eval Batch: 8, Max Seq Len: 512
Albert	albert-base-v2	0.6486	0.6280	0.6121	0.5932	0.6700	0.6230	0.5871	0.5593	Epochs: 5, LR: 0.000008, Train Batch: 2, Eval Batch: 16, Max Seq Len: 512
BERT	bert-base-uncased	0.5811	0.5667	0.5336	0.4759	0.7173	0.6400	0.6339	0.6067	Epochs: 5, LR: 0.000008, Train Batch: 1, Eval Batch: 16, Max Seq Len: 512
green!20 Dis- tilBERT	distilbert-base-uncased	0.7027	0.7188	0.7007	0.6967	0.7279	0.6894	0.6716	0.6582	Epochs: 5, LR: 0.00003, Train Batch: 2, Eval Batch: 8, Max Seq Len: 512

Table 1: Model Comparison Table