

Model Comparison and Parameters

gray!30 Model	Pretrained Model	Test Accuracy	Test Precision	Test Recall	Test F1 Score	CV Avg Accuracy	CV Avg Precision	CV Avg Recall	CV Avg F1 Score	Parameters
gray!10 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
gray!10 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 DistilBERT	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