Evolution of Language Models: From N-grams to GPT-4

N-gram Era

Neural LM Era

Embedding Era

Transformer Era

Perplexity (lower is better)

Accuracy %

Trigrams

Bengio NN-LM

Word2Vec

GloVe

Transformer

BERT

GPT-3

GPT-4

Perplexity

Accuracy (%)

Year