



- Transformers are a type of neural network architecture that is well-suited for NLP tasks. They are able to learn long-range dependencies between words in a sentence, which is important for tasks like machine translation and natural language understanding.
- DistilBERT is a transformer model. It is a smaller, faster, and cheaper version of BERT, which is a large language model (LLM). DistilBERT was created by distilling the knowledge from BERT into a smaller model. This means that DistilBERT is able to perform many of the same tasks as BERT, but it does so with fewer parameters and less computation time.
- LLMs are a type of natural language processing (NLP) model that are trained on a massive amount of text data. This allows them to learn to generate text, translate languages, write different kinds of creative content, and answer your questions in an informative way.
- The `google.generativeai` library provides access to PaLM (Pathway Language Model), which is a large language model from Google AI. PaLM is one of the most advanced LLMs available, and it can be used for a wide variety of tasks, including text generation, translation, question answering, and code generation.