## **Natural Language Processing**

NLP enables computers to interpret and respond to human language. Tasks include machine translation, sentiment analysis, and text summarization. Technologies like transformers (e.g., BERT, GPT) have advanced the field significantly. NLP is used in chatbots, virtual assistants, and search engines.NLP enables computers to interpret and respond to human language. Tasks include machine translation, sentiment analysis, and text summarization. Technologies like transformers (e.g., BERT, GPT) have advanced the field significantly. NLP is used in chatbots, virtual assistants, and search engines.NLP enables computers to interpret and respond to human language. Tasks include machine translation, sentiment analysis, and text summarization. Technologies like transformers (e.g., BERT, GPT) have advanced the field significantly. NLP is used in chatbots, virtual assistants, and search engines.NLP enables computers to interpret and respond to human language. Tasks include machine translation, sentiment analysis, and text summarization. Technologies like transformers (e.g., BERT, GPT) have advanced the field significantly. NLP is used in chatbots, virtual assistants, and search engines.NLP enables computers to interpret and respond to human language. Tasks include machine translation, sentiment analysis, and text summarization. Technologies like transformers (e.g., BERT, GPT) have advanced the field significantly. NLP is used in chatbots, virtual assistants, and search engines.