

# Generative AI



End to end Pipeline

# End to end Generative AI Pipeline

**Generative AI pipeline is a set of steps followed to build an end to end GenAI software**

Break the problem down into several sub-problems, then try to develop a step-by-step procedure to solve them. Since language processing is involved, we would also list all the forms of text processing needed at each step. This step-by-step processing of text is known as a pipeline.

# Generative AI Pipeline

- Data acquisition
- Data Preparation
- Feature engineering
- Modeling
- Evaluation
- Deployment
- Monitoring and model updating

## Input

Chaplin wrote, directed, and composed the music for most of his films.

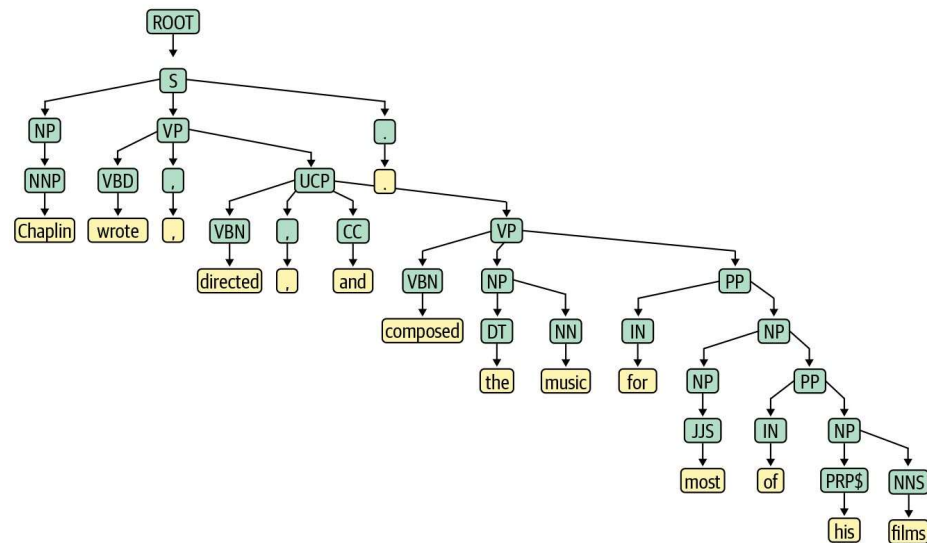
## Tokenization with Lemmatization

Chaplin wrote, directed, and composed the music for most of his films.

## POS Tagging

Chaplin wrote, directed, and composed the music for most of his films.

## Parse Tree



## Coreference Resolution

Mention ..... coref ..... Mention  
Chaplin wrote, directed, and composed the music for most of his films.