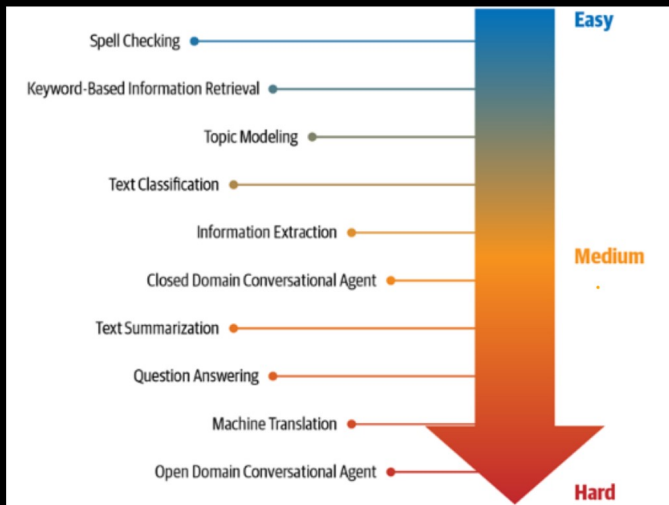


NLP Tasks



① Language Modeling

This is the task of predicting what the next word in a sentence will be based on the history of previous words

- ① speech recognition
- ② OCR
- ③ handwriting recognition

② Text Classification

This is the task of bucketing the text into a known set of categories based on its content



③ Information Extraction

This is the task of extracting relevant information from the text

④ Information Retrieval

This is the task of finding documents relevant to user query from a large collection → Google Search

⑤ Conversational Agent

This is the task of building dialogue systems that can converse in human languages → Alexa, Siri

⑥ Text Summarization

→ core content / preserving the overall meaning of the text

⑦ Question Answering

⑧ Machine Translation — Hindi → English