

Applications of AI – NLP

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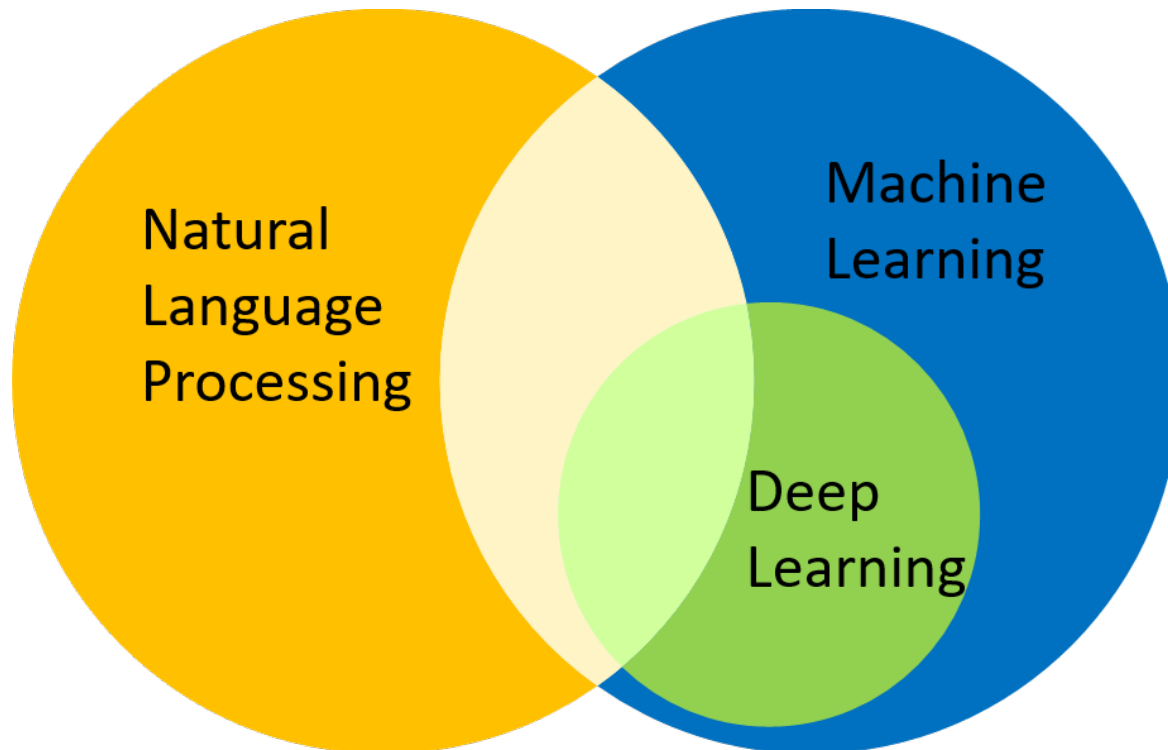
Natural Language Processing

- Natural Language Processing—also known as NLP or computational linguistics—is a subfield of Artificial Intelligence (AI), Machine Learning (ML), and linguistics.
- A branch of AI, it helps computers or machines understand, manipulate, and interpret human language.
- For several decades now, humans have been communicating with machines through coding and programming languages, which in binary form, constitute of millions of zeroes and ones.
- According to Gartner, by 2025, nearly 60% of analytical queries will be generated through speech, Natural Language Processing (NLP) or voice, or would be generated automatically.

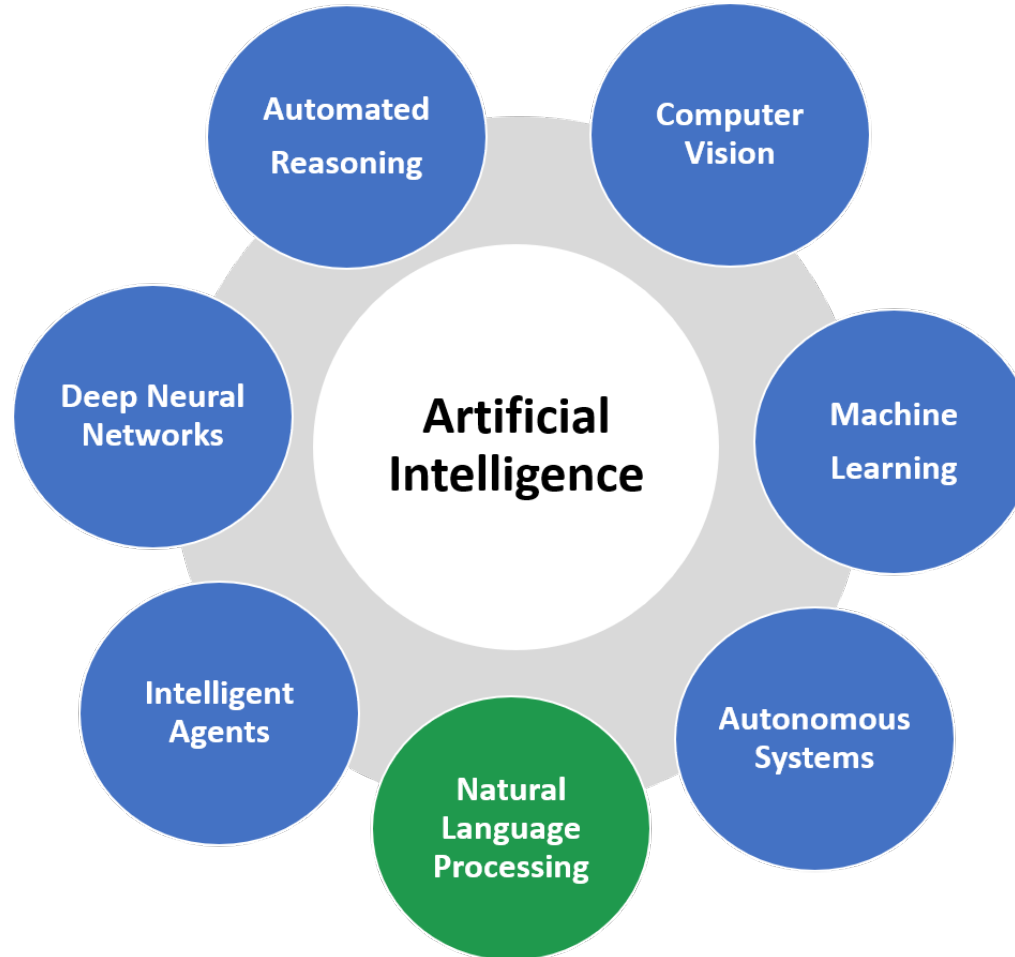
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- To define it simply, Natural Language is the natural way in which humans communicate with each other. Today, we have made computers understand this natural language.
- For example, with voice commands such as “Alexa, what’s the news today” or “Ok Google, play me my favorite track,” communicating with machines has become easier.
- Similarly, when Siri, Apple’s personal voice assistant, is asked, “What is the cheapest flight to New York tomorrow?”

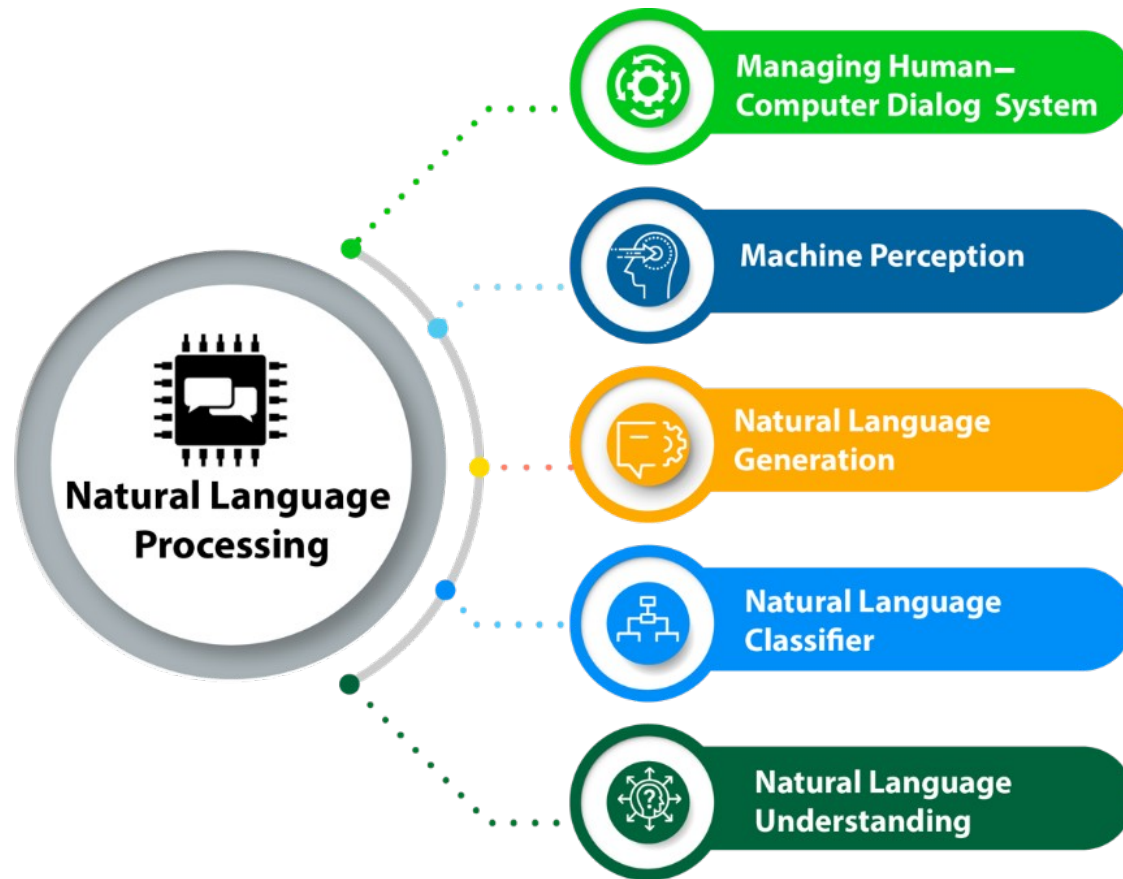
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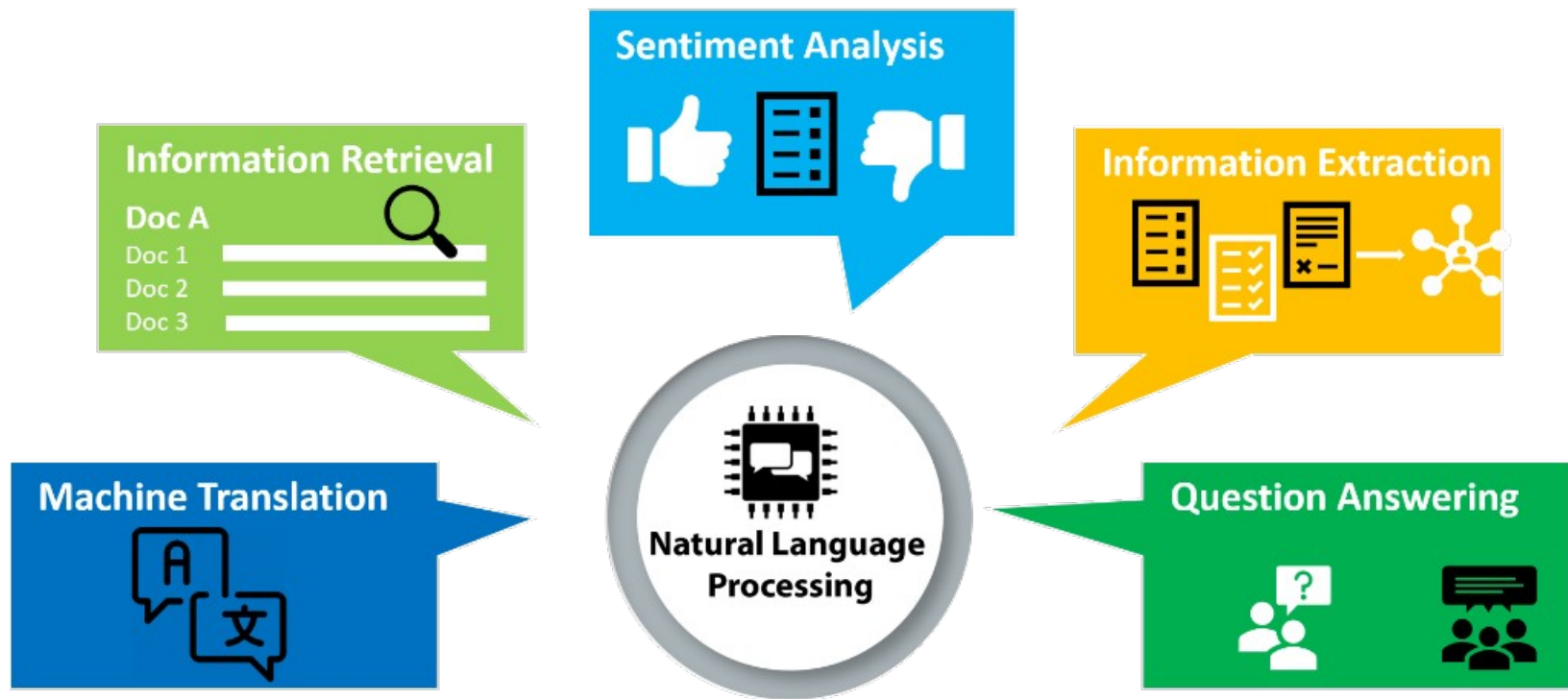
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Thank you

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