

# ROADMAP OF AGENTIC AI

Using Python

## ABSTRACT

In this Whole Document, this is the roadmap which is essential for working/learning about Agentic AI and it's future.

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# INTRODUCTION TO AGENTIC AI:

**Agentic AI** refers to artificial intelligence systems that can autonomously take actions, set goals, and make decisions to achieve objectives with minimal human intervention. These systems exhibit characteristics such as planning, reasoning, adaptability, and sometimes self-improvement.

## PRE-REQUISITES:

1. Python Programming Language.



2. Basic Machine Learning Natural Language Processing

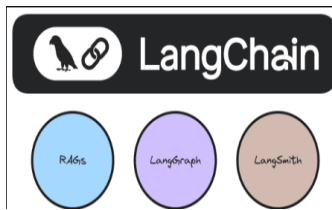
- Why NLP?
  - One hot encoding, Bag of words,
  - TFIDF.
  - Word2vec, AvgWord2vec.
3. Complete Deep Learning for NLP
    - Deep Learning NLP.
    - Indepth Transformer Explanation.

4. Complete Generative AI Tutorials With End To End Projects



## 5. Best Agentic AI Frameworks To Learn

### ➤ LangChain and LangGraph

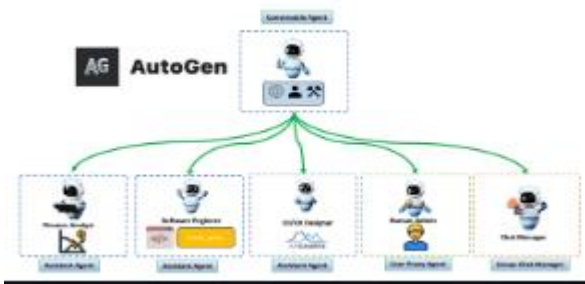


### ➤ Phidata

### ➤ CrewAi



### ➤ Autogen



## 6. Generative AI With Cloud AWS and GCP

### ➤ Generative AI with AWS



➤ **Generative AI With Azure**

