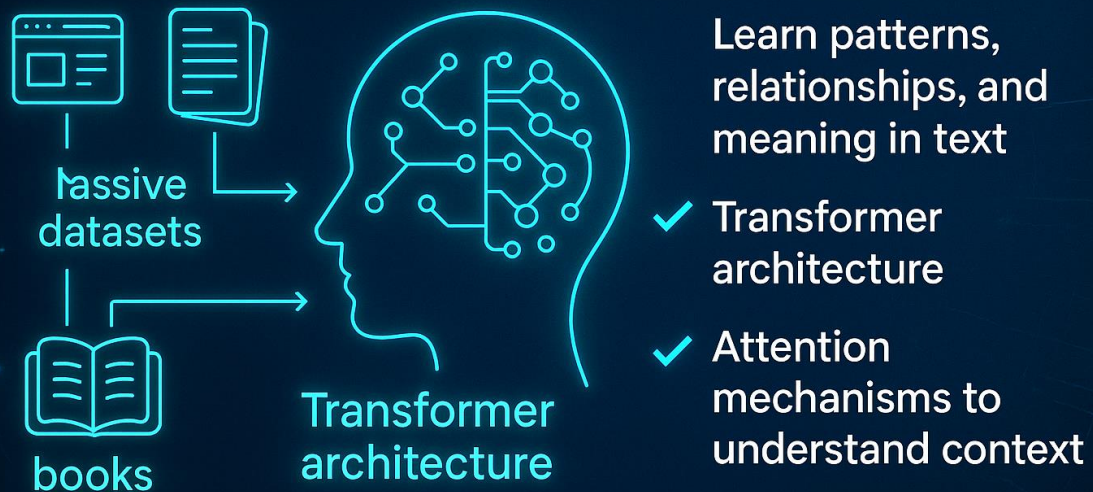


LLM Roadmap Overview

- LLM stands for **Large Language Model**.
- It's a type of deep learning model that can **Read**, **Understand**, **Generate**, and respond to text in a human-like way.
- Popular LLM architectures include **GPT**, **BERT**, **T5**, and **LLaMA**

How Does an LLM Work?



Topics You Need to Learn

To learn LLMs effectively, you should understand the



Python Basics

Variables, Loops, Functions, OOP



NLP Fundamentals

Tokenization, Stop words, Lemmatization



Transformer Architecture

Self-Attention, Encoder-Decoder



Fine-Tuning

Training LLMs on your own datasets



Pretraining Models

GPT, BERT, T5



Model Deployment

Converting models into APIs or applications



Model Deployment

Converting models into APIs or applications

LLM Telugu

Tools & Libraries You'll Use

Here are some must-know tools and libraries for working with LLMs:



Hugging Face
Transformers
Pretrained models



Gradio / Streamlit
Simple UIs for ML apps



OpenAI APIs
Use GPT models via API



Weights & Biases
Model tracking



LangChain
For building LLM-
powered apps



DVC
Dataset versioning



DVC
Dataset versioning



Git
Code version control

Real-World Projects to Try

Build projects to apply what you learn:



Text
Summarizer



Chatbot



Email
Classifier



Resume
Screener



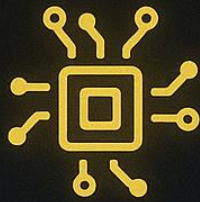
Question-
Answering App



PDF-based
Assistant using
LangChain+ LLM

Career Opportunities

LLM skills can open doors to many roles:



AI Engineer



Data
Scientist



NLP
Researcher



GenAI Product
Developer

There's high demand for people
who can work with LLMs!

📢 Join Our Telegram Channel for **Notes - PPT** ! 📩

