LangGraph:

LangGraph is a framework that helps build smart applications using AI agents within the LangChain ecosystem. While LangChain focuses on linking AI model calls, LangGraph adds structure and better control over how agents interact and manage data. It's especially useful for creating apps that need complex decision-making, automation, or teamwork between multiple AI agents.

LangChain offers built-in methods to interact with AI models efficiently. The two main ones are:

- **stream:** Sends back parts of the response as they're generated, so you get real-time updates instead of waiting for the whole answer.
- **invoke:** Sends a request and gets the full response in one go.

Agents:

Agents are AI-powered entities that can make decisions, process information, and interact with other agents or the environment to complete tasks. They act like intelligent workers that follow specific rules and logic to handle different parts of an application.

Tavily in LangChain :

Tavily is a search engine integration in LangChain that allows AI models to pull in fresh, relevant information from the web. This is especially useful for tasks that require real-time knowledge, like news updates, market trends, or research topics. Instead of relying only on what the AI was trained on, Tavily helps it search the internet, ensuring responses are more accurate, up-to-date, and context-aware.