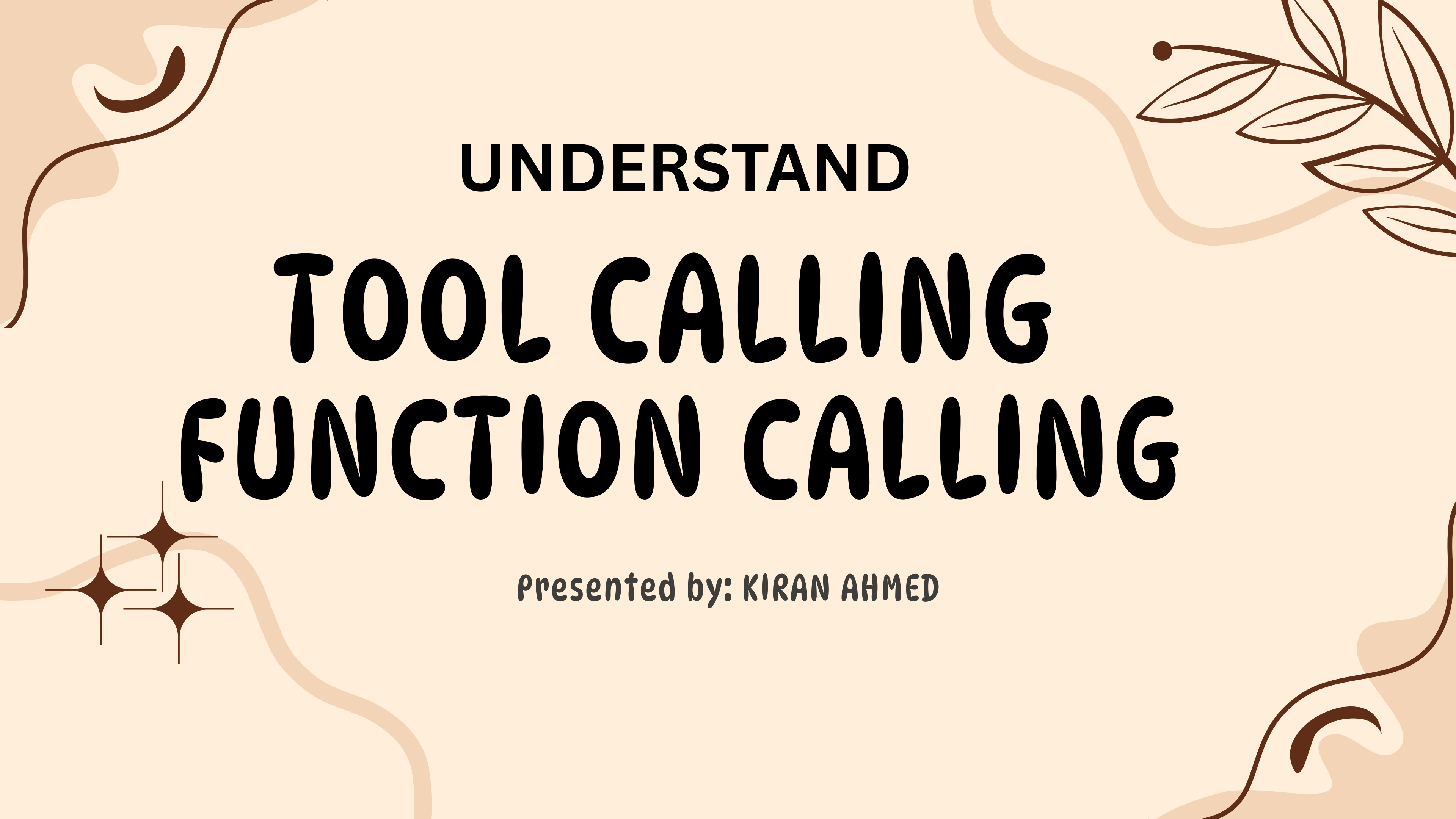




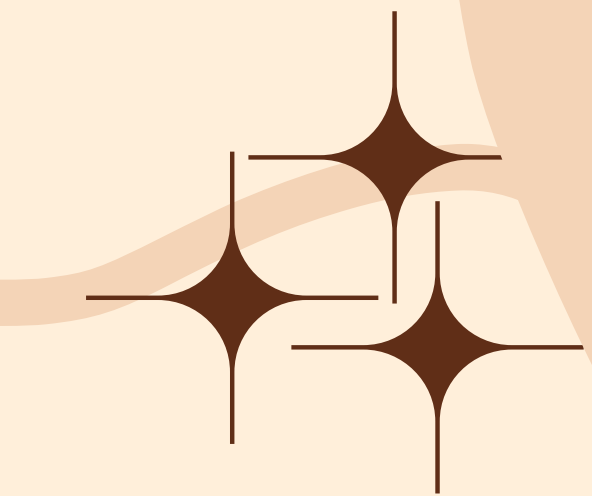
UNDERSTAND TOOL CALLING FUNCTION CALLING



Presented by: KIRAN AHMED

WHAT IS TOOL / FUNCTION CALLING?

It allows an AI agent to call external tools or APIs to perform actions or get updated information during a conversation.





WHY IS IT USEFUL?



- Enables AI to do more than just chat
- Connects to real-time data & services
- Helps build smart apps, e.g., weather bot, translator, or to-do manager



HOW DOES IT WORK?

- User asks a question
- AI detects it needs external info
- It calls the right function/tool (like `getWeather(city)`)
- Fetches results and responds back



EXAMPLE:

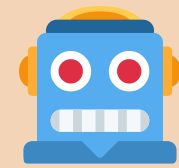
- User: "What's the weather in Lahore?"

- AI Agent: → Calls `get_weather("Lahore")` → Responds with real-time weather



COMMON TOOLS IT CAN USE

- Weather APIs
- Databases (SQL/NoSQL)
- File systems
- Web browsers
- Custom backend functions



REAL-WORLD USE CASES:

- **Chatbots with memory**
- **AI personal assistants**
- **Voice agents**
- **Automation workflows**

THANK
YOU

