# Lecture 14: Prompt Template

## Why Prompt Templates?

- Normally, users type prompts directly → the AI model responds → the result is shown on screen.
- But as developers, we may want to **optimize prompts** so the AI gives **better, structured answers**.
- Instead of asking users for the full prompt, we can **ask only for values** (inputs) and then build our own prompt behind the scenes.

## Example: Movie Recommendation

- User is bored and wants suggestions.
- Instead of typing "Suggest *me a movie.*"
- System can ask:
  - What type of movie? (Comedy/Horror)
  - Which decade? (2000s, 2010s, latest)
  - Language? (English, Hindi, Telugu, etc.)
- Based on these values → we create a **structured prompt**, and AI recommends movies.

## Key Points

- Prompt templates make prompts **consistent and reusable**.
- Easier for developers to control model responses.
- Works well for recommendation systems (movies, books, etc.) or structured queries.

**TELUSKO**