

Interview Q&A; Generator – Tutorial

1. Overview

This app generates interview questions and sample answers using Gemini.

Students learn how LLMs can create structured Q&A; content.

2. Learning Objectives

- Build prompts with role, level, and topic.
- Use Gemini to generate multi-turn structured output.
- Build a Gradio interface with inputs and outputs.

3. App Flow

User inputs → Prompt builder → Gemini model → Generated Q&A.;

4. Key Components

- `build_prompt()`: constructs instructions.
- `generate_interview()`: sends prompt to Gemini.
- Gradio UI: role, level, topic, number of questions.

5. Student Tasks

- Add difficulty level.
- Add "Download Q&A;" button.
- Add option for Arabic output.