

Workshop: Prompt Engineering and Fine-Tuning for AI Scenarios

Objective:

The task is to create effective **system instructions** and **fine-tune LLMs** to align with specific scenarios, **using prompting techniques** to enhance performance and adaptability.

Scenarios:

- **HR Chatbot for CV Review and Feedback:**
Fine-tune an LLM to analyse CVs, identify strengths and weaknesses, and provide actionable feedback to improve resumes.
- **Teacher Assistant Chatbot for Full-Stack Development:**
Customize an LLM to support students by explaining programming concepts, reviewing code, and solving tasks related to full-stack development.
- **Medical Assistant Chatbot:**
Adapt an LLM to address health-related queries, offer general advice, and defer complex cases to qualified medical professionals while adhering to ethical guidelines.

To Submit:

1. **Create a Markdown File:** Include sections: Scenarios, System Instructions, Fine-Tuning Process, Challenges & Solutions, and Future Enhancements (optional).
2. **Push to GitHub Repository:** Use a repository name that matches the workshop title.