

Day 9 – 30 June 2025 (Monday):

OpenAI Integration with Feedback Analyzer

On the ninth day of the internship, the session focused on enhancing the **Feedback Analyzer Project** by integrating **OpenAI's API** to perform **automatic sentiment analysis** on user feedback. This was one of the most exciting stages of the project as it introduced us to the real-world application of **Generative AI** and **Natural Language Processing (NLP)** for text interpretation and automation.

We began by learning how to **connect OpenAI's API** with our n8n workflow. The mentor guided us through the setup process, explaining how API keys are generated and securely stored. Once connected, we used OpenAI's language model to analyze responses collected through the Google Form.

By the end of the session, the system was capable of collecting user input, analyzing sentiment, and displaying categorized results — a fully functional AI-powered feedback system.

Learning Outcome:

Gained hands-on experience in **OpenAI API integration, prompt engineering,** and **automated sentiment classification**. Learned how AI models can process and interpret natural language to support **intelligent decision-making** within an automation workflow