Day 10 – 2 July 2025 (Wednesday):

Telegram Bot

On this day, I extended the Feedback Analyzer project by adding a real-time alert mechanism using Telegram Bot integration. The main goal was to ensure that whenever the user initiated the conversation the telegram bot will reply. I began by exploring Telegram's Bot API documentation to understand how to obtain the bot token, set up a chat ID..

Next, I integrated this system into the existing n8n workflow using the **HTTP Request node**, linking it with the OpenAI output that classified feedback as "negative." The challenge was ensuring message formatting and ensuring that only relevant alerts were sent to avoid redundancy. After multiple trials and adjustments in the workflow logic, the system was tested successfully — feedback submission, sentiment detection, and instant Telegram alert all functioned seamlessly.

Learning **Outcome:**
Understood how to merge AI-driven insights with real-time communication tools. This enhanced my knowledge of API-based automation and taught me how intelligent alerts can make feedback management systems more efficient and user-friendly.