Group Number: 01

Group Members Name: Vrushabh Jain

Topic: AI Financial Dashboard

Mentor Name:

Date: 26/12/25

Project Description: Cognitive Graph Portfolio Optimiser (CGPO)
The Cognitive Graph Portfolio Optimizer (CGPO) is a novel decision-support system designed to enhance financial risk forecasting and portfolio management. It uniquely fuses firm-specific insights from multimodal data specifically earnings call audio and text with a systemic, graph-based view of asset interdependencies. The system utilizes a Reinforcement Learning (RL) agent to analyze these dynamic market structures and provide optimized portfolio rebalancing recommendations.

Tasks Done:

Environment Setup:
- Installed Python 3.13 and configured Development Environment.
- Installed core libraries: Streamlit, Pandas, Plotly.
- Resolved system PATH variable issues for command line tools.

Data Form Link (Jot form / Google Form): https://cgpo-survey.streamlit.app/