

# Fundamental Analysis rating

**Objective:** To develop a "Fundamental Analysis Recommendation System" that predicts "Buy," "Sell," or "Hold" for one company, aiding investors in making informed decisions. By analyzing financial data, the project seeks to automate investment advice traditionally requiring expert analysis, increasing accessibility and efficiency in investment decision-making.

**Target Variable:** Classification of stocks into "Buy," "Sell," or "Hold" categories based on financial metrics such as P/E ratio, Debt-to-Equity ratio, ROE, and EPS.

## Methodology & Timeline (2 Weeks):

Days 1-3 (Iteration Zero): Research fundamental analysis concepts; initiate data sourcing; outline preliminary analysis approach.

Days 4-7 (Iterations One & Two): Refine data collection; begin model development; conduct initial analysis and model evaluation; incorporate feedback for improvement.

Days 8-11 (Iterations Three & Four): Further enhance the model; perform advanced data analysis; re-evaluate and fine-tune recommendations.

Days 12-14 (Iteration Five & Final Presentation): Finalize model adjustments; prepare and deliver a presentation of the findings, demonstrating the model's efficacy in investment recommendation.

**Expected Outcome:** A data-driven, fundamental analysis model providing actionable "Buy," "Sell," or "Hold" recommendations, streamlining the investment decision process.