



FIN 422 - Student Managed Investment Fund Group AI Assignment 4 ESG Analysis

This AI assignment must be done as a group, and all group members (unless there are unusual circumstances) will receive the same grade. The assignment must be uploaded to the D2L folder by the due date listed on the course schedule. Use the following title: "FIN 422 AI Ass. 4, Group X". Upload ONLY ONE assignment per group. All prompts (including the names of the AI models used) and (unedited) completions should be included in an appendix.

AI Assignment 4: ESG Analysis Assignment Overview

In this assignment, you will conduct a comprehensive Environmental, Social, and Governance (ESG) analysis of your firm using artificial intelligence tools to enhance your research and decision-making process.

1. AI-Assisted Data Collection

1. Using AI, analyze the company's latest sustainability report and annual report to extract key ESG metrics and initiatives
2. Utilize AI to compile news articles and media coverage related to the company's ESG performance over the past 24 months
3. Document your prompts and methodology for using AI tools effectively

2. Environmental Analysis

1. Climate Risk Assessment
 - Use AI to analyze any climate-related disclosures or TCFD (Task Force on Climate-Related Financial Disclosures) report
 - Evaluate the company's carbon reduction targets and progress
2. Resource Management
 - Analyze water usage, waste management, and energy efficiency
 - Evaluate supply chain sustainability
 - Assess circular economy initiatives

3. Social Impact Analysis

1. Stakeholder Relations
 - Analyze employee reviews and satisfaction metrics

- Evaluate community engagement and impact
- Assess supplier relationships and labor practices
- 3. Diversity and Inclusion
 - Analyze workforce diversity metrics
 - Evaluate leadership diversity and inclusion initiatives

4. Governance Assessment

1. Board Structure and Effectiveness
 - Analyze board composition and independence
 - Evaluate executive compensation alignment with ESG goals
 - Assess shareholder rights and voting policies
2. Risk Management
 - Evaluate cybersecurity and data privacy measures
 - Assess regulatory compliance history
 - Analyze business ethics policies and incidents

Submission Requirements

Submit a comprehensive report that includes:

1. Executive Summary
2. Methodology section detailing AI tools and approaches used
3. Comprehensive ESG analysis
4. Investment recommendation
5. Discussion of AI limitations and potential biases
6. References and data sources