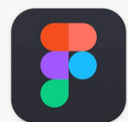# Team - AIspire

Our solution - EcoOp

Figma

Git repo

Approach

Data: MSCI   Sustainalytics   Morningstar ESG   IMF Data

1. Green Finance Platform Dash Board
Collect and analyze ESG and financial data using AI to score projects.
Optimize investments with mathematical models to maximize sustainability impact.
Provide insights and visualizations via an interactive dashboard. ROI, RISK score ESG score

NLP Processing:
- Use models like **BERT for Named Entity Recognition (NER)** and sentiment analysis.
- Extract key metrics such as emissions, risks, and ROI from the reports.

ESG Scoring:
custom ESG scores using a weighted scoring system following **shedule 7, SDG goals**

Frontend   Streamlit

backend   Python , Flask

Database   MongoDB

Backend pipeline