



Intranet Prototype Demo

MIT Consulting Group

AI Challenge: Boosting Productivity through AI Adoption

Project Scope

- Accelerate AI adoption across the organization by developing a central hub that showcases real employee AI use cases that enhance efficiency and productivity in everyday work.

Key Deliverables

- Summarize employee AI implementations
- Compile meta statistics (e.g., team, department, submission type)
- Rank use cases based on feasibility, impact, and innovation
- Develop implementation roadmaps outlining tools, data, and resources
- Host all data on a centralized front end for employees to explore and draw inspiration from

DATA PIPELINE

Data Collection and Cleaning

1. User inputs an Excel File
2. Script processes form data to produce submissions.json with information in fields of form as well as metadata from each submission

LLM Scoring and Processing

1. Script takes submissions.json as input and calls LLM API to score each submission based on predefined buckets
2. LLM rephrases each submission and provides an implementation roadmap
3. Output is written to evaluations.json and is sorted by overall score

Data Output and Visualization

1. Information from evaluations.json is used to create final external and internal JSON
2. External JSON has meta statistics like number of submissions, teams, type of submitter, etc. for display through HTML
3. Internal JSON has AI reasoning for each submission and is exported to PDF for easy viewing and scheduled emailing

Key groundwork completed to support scalable analysis and roadmap development.

Progress to Date

1. Built the core data pipeline for extraction, cleaning, and JSON generation
2. Labeled the dataset for scoring and roadmap development
3. Tested and refined the scoring prompt for evaluation consistency
4. Generate visual insights (e.g., word clouds) to make use case discovery easier

Next Steps

1. Develop a standardized framework for AI implementation roadmaps
2. Design clear visuals for each roadmap
3. **Integrate all materials into a centralized, user-friendly front end**

Data Pipeline

