

## DATASET EDITION 2

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### DSARG\_2

#### Problem Statement:

#### AI Personal Task Automation Agent

#### Problem Overview

Build an AI agent to automate reminders, emails, and scheduling.

#### Why It Matters

Managing tasks across calendars, emails, and productivity tools is time-consuming. An AI-driven assistant can reduce cognitive overload and improve day-to-day efficiency.

#### Datasets

- Google Calendar sample datasets
- Todoist task datasets
- Kaggle Personal Productivity Dataset
- Synthetic task logs

#### APIs

- Google Calendar API
- Gmail API
- Notion API

#### Prototype Objective

- Automate creation of calendar events and reminders
- Send basic email notifications based on triggers
- Handle simple task workflows

#### Full Solution Objective

- Intelligent task prioritization and rescheduling
- Proactive reminders and follow-ups

- Seamless orchestration across multiple productivity tools

### **AI / Technical Solution Hints**

- NLP for intent extraction
- LLM-based task planning agents
- Tool-using autonomous agents

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"Wishing you all the very best for the hackathon. May your hard work, creativity, and teamwork lead you to great success."