"VisionAid – AI-Based Prescription and Eye Health Assistant

Domain: Healthcare / Assistive Technology
SDG: SDG 3 – Good Health and Well-Being

Problem Statement:

Create an AI system that assists visually impaired users in reading prescriptions, identifying medications, and setting reminders through voice commands. OCR and text-to-speech technologies help in medication recognition and adherence tracking.

Dataset:

Prescription image datasets (e.g., Rx Images, MedPix)
Audio command datasets for assistive applications
The backend OCR model extracts data from prescriptions and updates adherence analytics in Power BI for caregivers or doctors."

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Workflow

Generate Prescription Image → using OSR → Coverts Image->Text → Coverts Text->Voice → Create user dataset → Chi-square Test (Age group, Adherence Status) → ANOVA Test (Score across age groups) → Co-relation Analysis → Consolidating Data for PowerBi