DSARG_4

Problem Statement:
AI Symptom Analysis Assistant

Problem Overview
Analyze symptoms and suggest possible conditions.

Why It Matters
Early symptom analysis supports health awareness and informed decision-making, especially in regions with limited access to medical professionals.

Datasets

- Symptom Disease Dataset (Kaggle)
- WHO public health datasets
- Synthetic symptom datasets

APIs

- Infermedica API
- OpenFDA API

Prototype Objective

- Accept structured or unstructured symptom input
- Suggest possible conditions with confidence indicators

Full Solution Objective

- Guideline-aware medical reasoning
- Risk-level classification and triage support
- Explainable medical insights

AI / Technical Solution Hints

- Classification and probabilistic reasoning models
- Medical knowledge integration
- LLM-assisted clinical explanation

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