Insurance Premium Category Prediction - Project Report

Overview

This project predicts the insurance premium category of a user based on personal details like age, weight, height, income, smoking habit, city, and occupation.

The app is developed using:

- FastAPI for the backend API
- Streamlit for the frontend
- A machine learning model serialized as model.pkl

Project Folder Structure

agri-insight/

app/

app.py # FastAPI backend

model.pkl # Trained ML model

streamlit_app/

frontend.py # Streamlit frontend

dataset/

insurance.csv # Dataset used for training

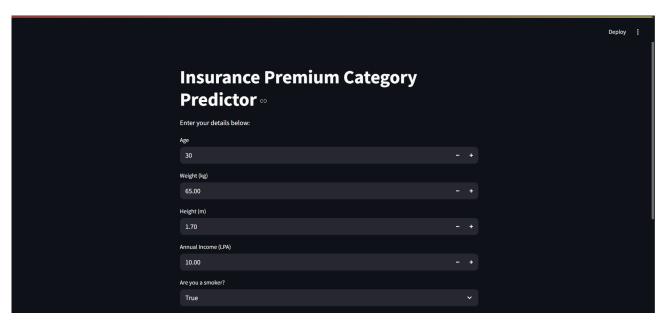
requirements.txt # Required Python packages

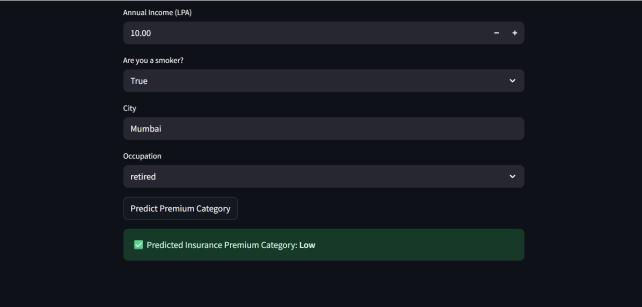
README.md # Project overview

LICENSE

.gitignore

Screenshots





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