AI-Based Period Flow Intensity Predictor

Project: AI Period Flow Intensity Predictor (Flask + Decision Tree)
Backend: Python Flask
Model: Decision Tree Classifier (trained on a small synthetic sample)
Files included:
- app.py (Flask app)
- model.py (script to train model and create flow_model.pkl)
- flow_model.pkl (trained model, if model.py ran successfully)
- templates/index.html
- static/style.css
- dataset.csv (sample dataset)
- requirements.txt

How to run:
1. (Optional) create virtual environment: python -m venv venv
2. pip install -r requirements.txt
3. python model.py # creates flow_model.pkl (if not already present)
4. python app.py
5. Open http://127.0.0.1:5000 in your browser

Notes & Suggestions:
- This project uses a tiny synthetic dataset. For real accuracy, collect anonymized survey data and retrai
- Consider adding charts (Chart.js) and a database (SQLite) for user history.
- Add user authentication and privacy policy for real deployments.