AI-Powered Health Monitoring System

Real-time health insights using AI and wearable data

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Problem

- Many health issues go undetected until it’s too late.
- Wearables collect data but don’t give real-time insights.
- Chronic patients need better monitoring outside hospitals.

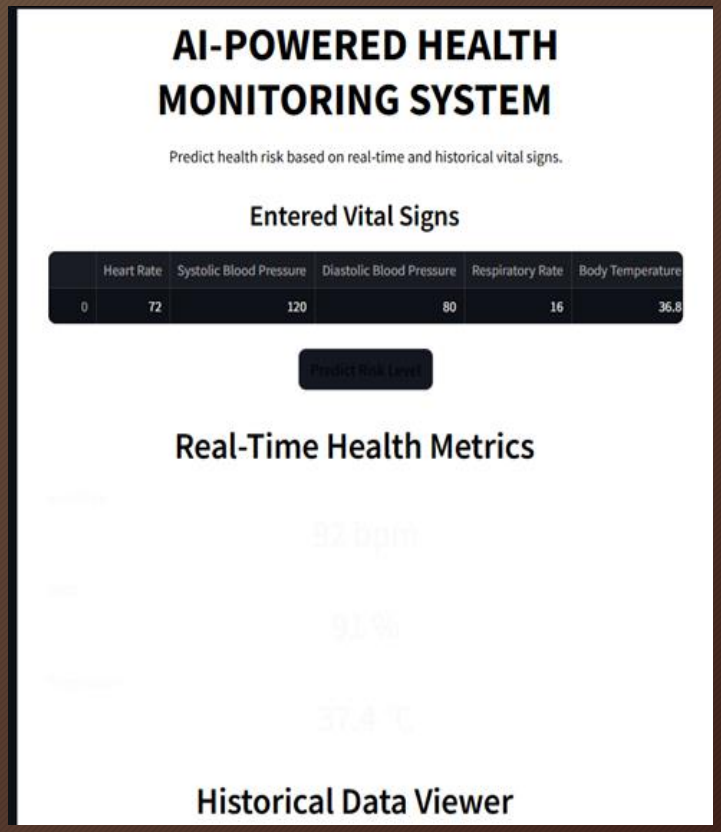
Solution

- AI system that monitors vital signs in real-time
- Detects anomalies early using ML
- Sends alerts + personalized health predictions
- Accessible via web

How It Works

- Inputs: Wearable/manual vital data
- ML Model: Analyzes for health risks
- Outputs: Alerts + recommendations
- Interface: Simple web dashboard


Input Your Vital Signs
Heart Rate (bpm)
72
40
180
Systolic BP (mmHg)
120
80
200
Diastolic BP (mmHg)
80
40
130
Respiratory Rate
16
10
40
Body Temperature (°C)
36.80
34.00
42.00
SpO2 (%)
98
70
100


AI-POWERED HEALTH MONITORING SYSTEM
Predict health risk based on real-time and historical vital signs.
Entered Vital Signs
Heart Rate
Systolic Blood Pressure
Diastolic Blood Pressure
Respiratory Rate
Body Temperature
0
72
120
80
16
36.8
Real-Time Health Metrics
Historical Data Viewer

Why Now?

- Remote healthcare demand is rising
- Wearable tech is booming
- Current systems lack real-time insights

Competitive Edge

- Real-time AI alerts
- Personalized insights
- Web-accessible & scalable
- Clinical + consumer use cases

Roadmap

- MVP Built
- Testing with sample data
- Public Beta (Soon)
- Mobile App + Clinical Integration(Soon)

Call to Action

- Looking for:
- Health tech partners
- Mentorship & support

Let’s make health monitoring smart and proactive!