

HealthRadar360:

Data-Driven Chronic Disease Risk Assessment

Xuan Liu

12.06.2025



What are Chronic Diseases ?



Definition:

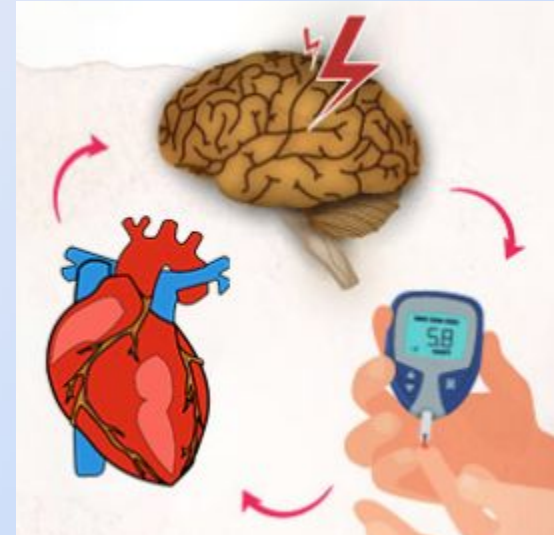
Chronic diseases are long-lasting conditions that typically progress slowly and persist for a year or more, requiring ongoing medical attention and limiting daily activities

Key Points:

- Slow progression
- Often preventable & manageable
- Major impact on quality of life & healthcare costs

Major Examples:

Diabetes, Heart Failure, Stroke



The Chronic Disease Burden

70%

Death Rate

Of US deaths annually caused by
chronic diseases

\$3.8T

Healthcare Costs

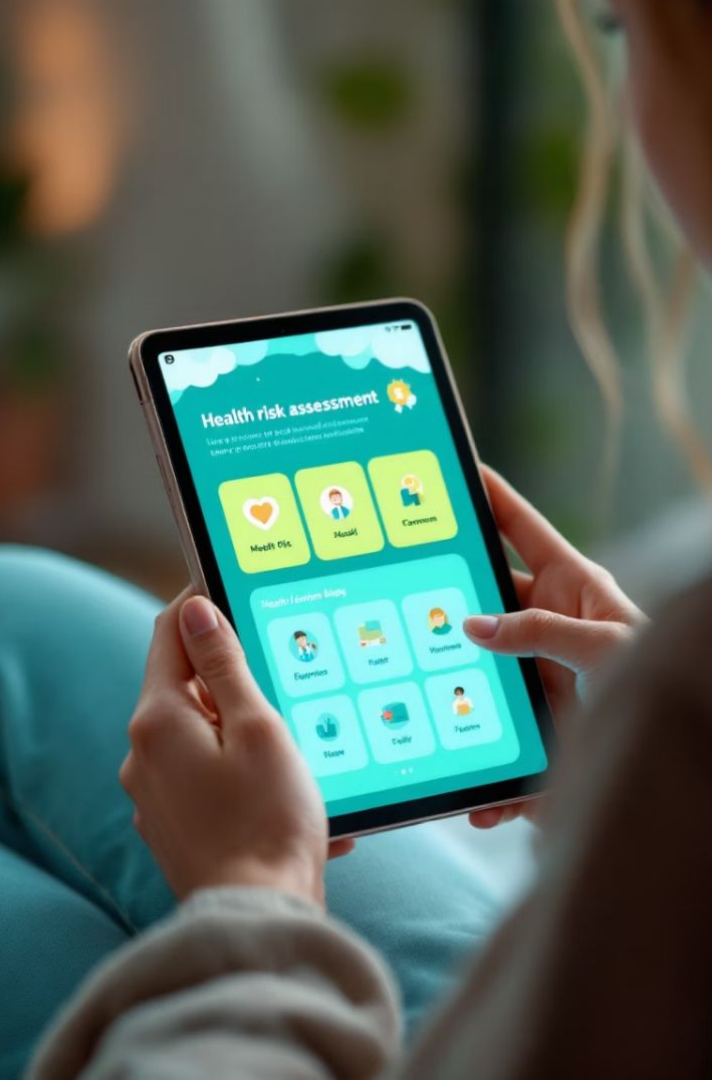
Annual US spending on chronic
disease management

80%

Preventable

Percentage of heart disease and
stroke cases potentially avoidable





HealthRadar360: Key Features



User-Friendly Interface

Users enter clinical measurements and lifestyle factors



Machine Learning Powered Predictions

Advanced algorithms process information instantly



Risk Assessment

Disease predictions and key risk factors



Decision Support

Actionable insights help users to reduce risks

Prevention Begins with Insight



⚠️ Know Your Risk

Personalized assessment reveals hidden dangers



Chart Your Path

Clear prevention strategies guide your journey



Transform Your Health

Small changes lead to big impact

Thank You



Contact Me

xuan.liu01@gmail.com



Website

<https://healthradar360.streamlit.app/>



Questions?

I am happy to provide more information

