

Prediction Using Machine Learning

Originally created by Dave Gray at



Team:

Padala Navyanth Reddy

Pulagam Syam Krishna Reddy

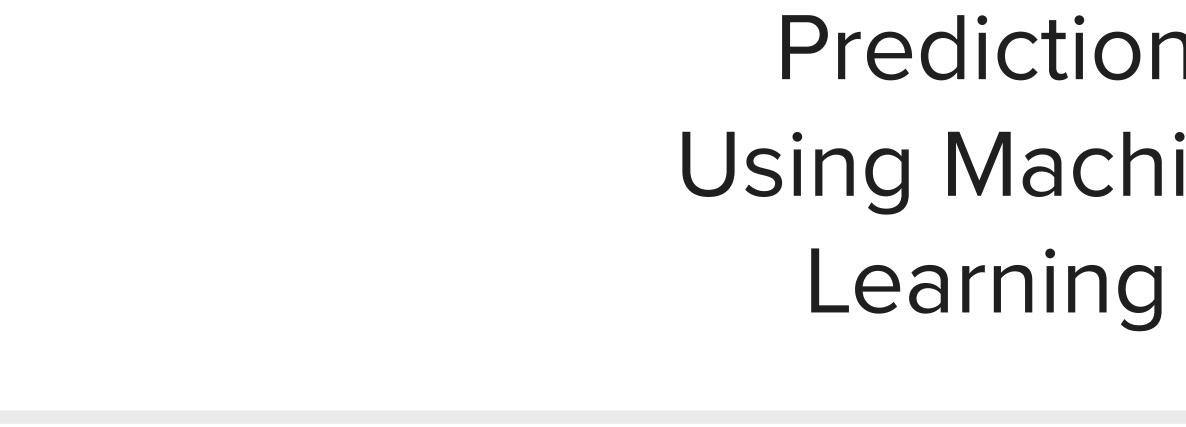
Padala Santhosh Reddy

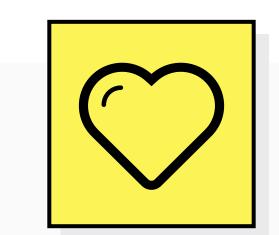
Karri Siva Rama Krishna Reddy

Share template feedback

GOAL

Diabetes Prediction Using Machine





WHO are we empathizing with?

Patients at Risk of Diabetes:

- Seeking clarity and reliable information about their risk.
- Striving for control over their health.
- Experiencing anxiety and hope regarding diabetes.

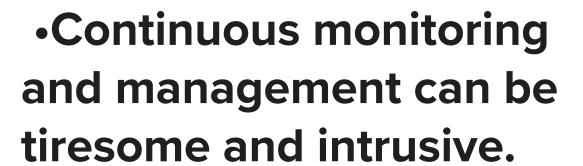
Healthcare Providers:

- Needing accurate tools for diabet risk assessment.
- Facing time constraints.
- Desiring patient motivation for prevention.

What do they HEAR?

- Medical terminology and advice from healthcare providers.
- Mixed information from the media, the internet, and social networks.
- Stories of success and struggles from patients managing their diabetes.
- Stories from others who have
- experienced the challenges of living with diabetes.
- The latest medical research and recommendations related to diabetes prediction and prevention.





 The fear of complications and health deterioration.

 Difficulty in interpreting and acting upon the data generated

 Lack of access to effective and user-friendly **Al-powered tools**



GAINS

What other thoughts and feelings might influence

their behaviour

Fear of Complications:

diabetes-related

actions.

Concerns about potential

complications can drive

them to take preventive

Lack of Understanding:

Confusion or a lack of

understanding about

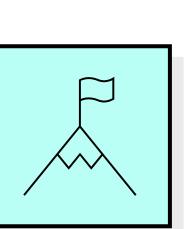
diabetes may lead to

avoidance or denial.

- Improved diabetes management with fewer fluctuations in blood sugar.
- More control over their health and the ability to avoid complications.
- Increased quality of life and peace of mind.
- Access to user-friendly machine learning applications that simplify diabetes management.



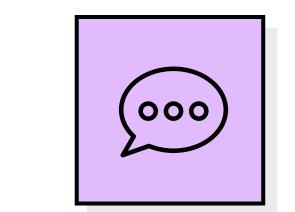
- Monitor blood sugar levels regularly
- Follow a strict diet and exercise regimen
- Seek guidance from healthcare professionals
- Explore and use machine learning applications for diabetes management.





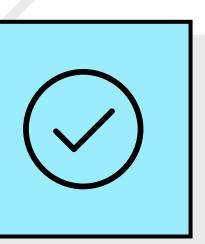


- Medical devices like glucose meters.
- Food labels for dietary control
- Smartphones and computers for managing diabetes.
- Healthcare professionals for guidance.
- Online communities and research news for information



What do they SAY?

- Managing my diabetes is a daily struggle
- I wish there was a way to make diabetes management easier
- I am concerned about the long-term complications of diabetes
- I am open to new technology that could help me



What do they DO?

- Measure their blood sugar levels regularly
- Follow a strict diet and exercise regimen
- Visit healthcare professionals for check-ups
- Research online for diabetes management solutions, including Al and machine learning applications

