

10 Questions

What made you want to do a project on this topic?

I thought this would be a good topic to develop a predictive model based on it. It seems that anything with health can be good.

Were there any issues finding any research materials?

Yes, it was some trouble finding good material. It seems that many people were doing something similar, but it was not related to what I was looking for this project.

Do you think machine learning could help in detecting cardiovascular disease?

From my research, it shows that machine learning is really helping in detecting this type of disease. Cardiovascular disease has many similar symptoms to other diseases.

Why are there many articles on cardiovascular disease and machine learning?

It is a new topic that many researchers are just using machine learning to see if it is possible.

What can normal people benefit from this type of work?

With more machine learning research, it would be helpful for doctors to detect this disease. Hopefully, this will stop cardiovascular disease from developing anymore.

Who do you think benefits more from this work, men, or women?

This will benefit everyone who have family history and it does not matter on the person's gender.

Did you think doctors would trust machine learning more than their own experience?

Overtime, it will become trustworthy, but it should not replace the doctor's experience. It should be used as an early detector.

From the accuracy rate being ok, how will you make it higher?

Just like anything, it would need to be tuned into better selection of parameters and including more datasets.

What did the results say about being able to detect cardiovascular disease?

The results showed it is possible to detect cardiovascular disease. Using only a few features that are based on a person's weight and other features.

When the model did not provide useful insights, what did you do?

This is seen in the use of Naïve Bayes Classifier, where the accuracy rate was only 58%. I would need to do more research on how to improve the parameters and include more datasets to increase the accuracy rate.