

# Define a problem statement

*for*

visualizing and predicting heart disease  
with an interactive dashboard

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## **The USER needs a way to identify :**

- whether he/she is affected by Heart disease by analysing symptoms
- whether he/she need to or need not to consult a doctor
- notify when he/she is in risk
- improve diagnosis & quality of care
- keep up to date medical records by analysing for predicting diseases
- advice for heart disease prevention

## **Problem statement :**

1. Ayesha is feeling afraid that she is experiencing symptoms like high blood pressure & swollen feet. she thinking that she may suffer from heart disease. She is afraid of visiting doctors. So she needs to know what is her condition without consulting doctor.
2. Desouza has a chance of having a heart disease genetically. So she want to keep up date of her medical condition without going to hospital for earlier prediction.
3. Suresh Gupta is a man who thinks all proper advice / treatment is provided directly by visiting doctors. suddenly one day, he had a slight symptoms of heart disease during lockdown. So how can he visit his doctor
4. Zhan ge who is a heart patient & walking on the road side. he wore a smart watch. Suddenly he fainted but there is no one around.

5. Prahan had a loss of breath and irregular heartbeat which is serious heart disease condition but he didn't know about it and never visited doctor about these conditions.