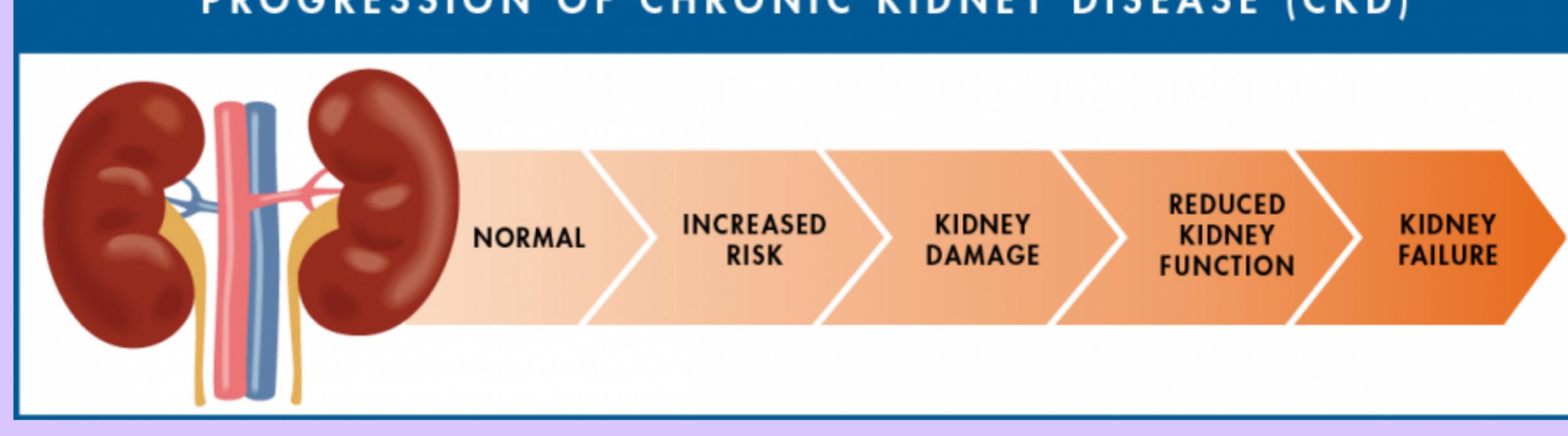


CHRONIC KIDNEY DISEASE

- Chronic kidney disease (CKD) is one of the most life threatening disorders. It is one of the non-communicable diseases with the quickest growth rate
- CKD was diagnosed using multiple optimized neural networks against traditional neural network on the machine learning dataset



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- Early chronic kidney disease has no signs or no-symptoms many people living with CKD don't even know it until the disease is in an advanced stage.
- CKD is largely preventable, and can be detected early with simple blood and urine tests.
- If CKD is detected early & managed appropriately, the deterioration in kidney function can be slowed or even stopped, & the risk of associated cardiovascular complications can be reduced.

PROBLEM STATEMENT

- 1. Chronic kidney Disease is a major medical problem and can be cured if treated in the early stages.**
- 2. Kidney disease prediction is done using machine learning technique.**
- 3. The main object of this project is to predict is to predict patients with machine learning algorithms using less numbers attributes while maintaining the higher accuracy.**
- 4. The machine learning model prediction allow business to make highly accurate guesses as to the likely outcomes based on given data set**

..

IDEA FOR CHRONIC KIDNEY DISEASE



GROUP- MEMBERS

M.Jothika

Collect the dataset

Import library files

Data preperation

DataMining Techniques

K.Dhivyashree

Artificial Neural Network model

Random Forest model

Decision Tree model

Logistic Regression

H.Imrana Parveen

Descriptive data Analysis

Visual Analysis

Univariate Analysis

Bivariate Analysis

P.Jeya Chithra

Integrated web network

Building a flask application

Building HTML pages

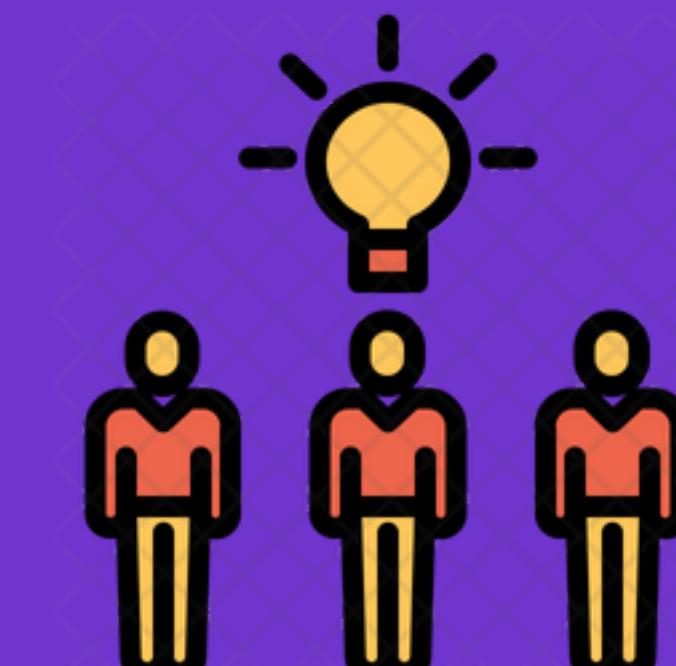
Building server-side script



GROUP IDEAS

M.Jothika

Collect the Dataset
Import Library Files



K.Dhivyashree

Artificial Neural Network
Random Forest Model
Decision Tree Model
Logistic Regression

H.Imrana
Parveen

Descriptive Data Analysis
visual Analysis
Univariate Analysis
Bivariate Analysis

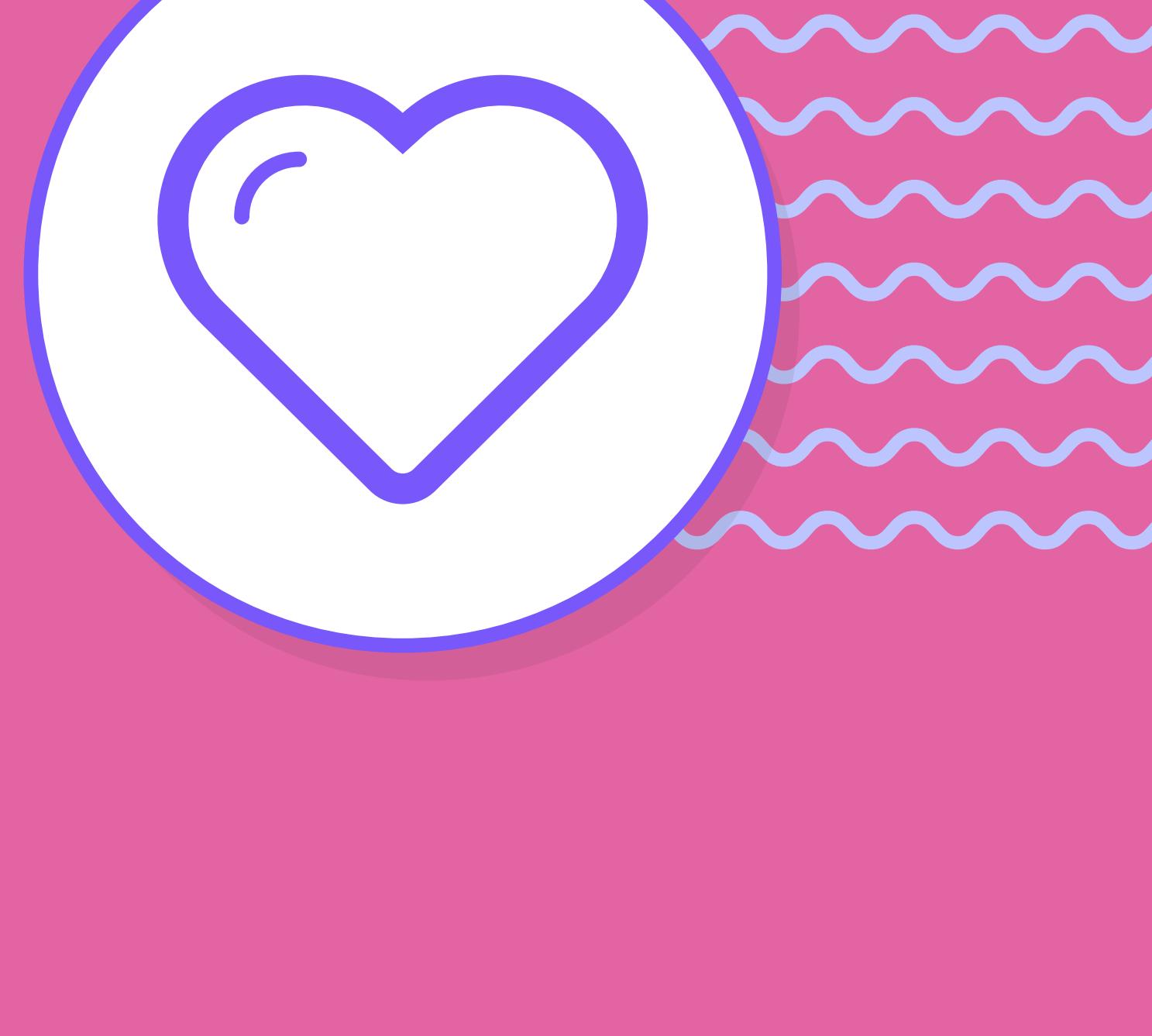
P.Jeyachitra

Integrated web network
Build Flask application
Build HTML page
Build Server page



PRIORITIZE





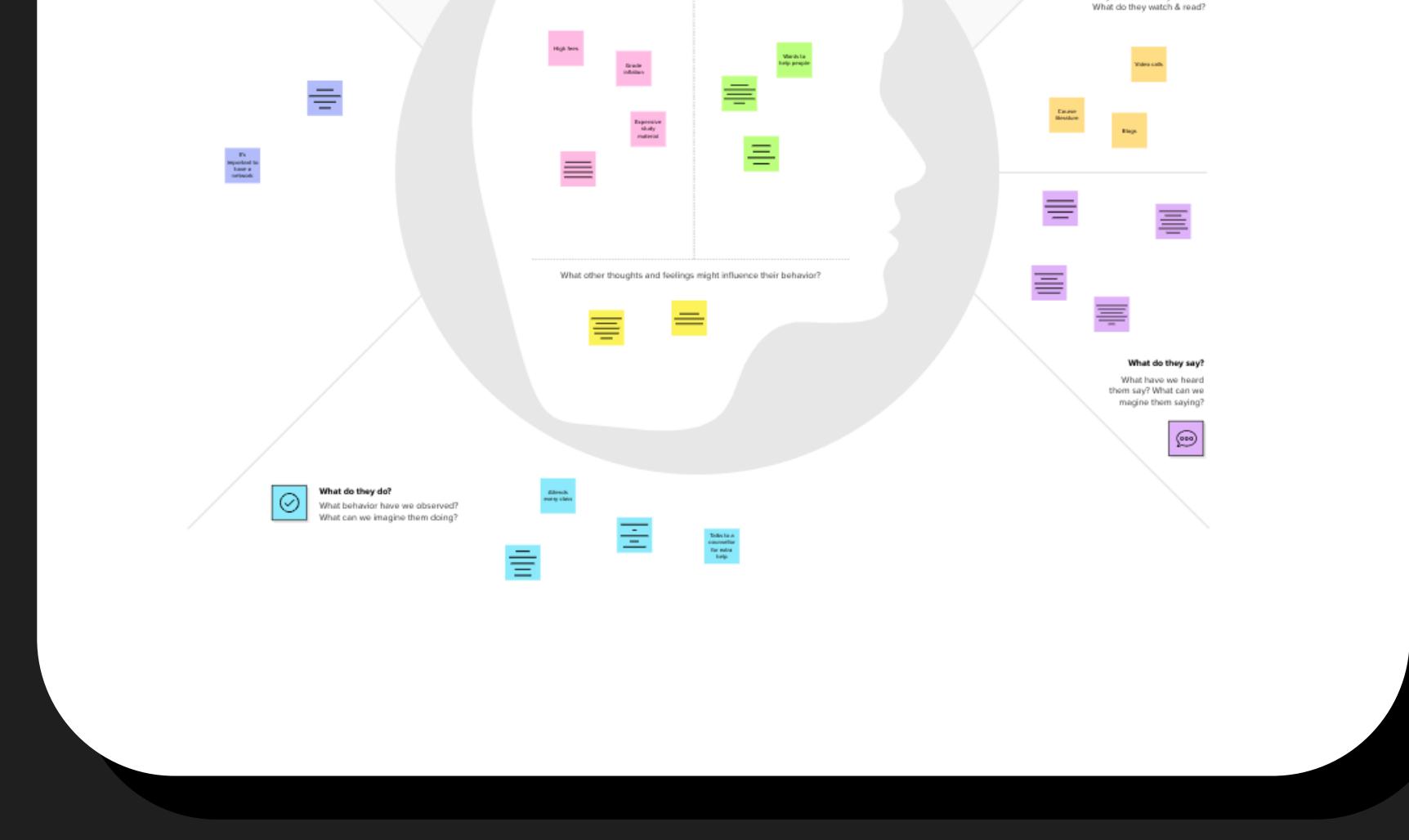
Empathy map canvas

Misinformation and myths
about the disease from the
media and public.

Originally created by Dave Gray at



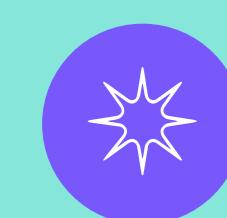
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Develop shared understanding and empathy

USING KIDNEY DISEASE DATA SET USING MACHINE LEARNING

