REVA HACK</> 2021

Elevator Pitch

**Dark-Cognito**

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MI DIET RECOMMENDER

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# Overview (What problem are you trying to solve)

OUR PROJECT MAINLY FOCUSES ON THE DIET of the person to have a very good health and better life. In our system since it is a diet recommendation system so the recommendations will be about the diet plan like what all things you should eat, what is your Body Mass Index, which states whether you are healthy, overweight, or under-weight

# Goals (How are you solving the problem stated)

* We are taking the information of the user and letting them how to manage their health using a MI model ( like Height , Weight , age , veg or nonveg)
* The information is firstly collected about a particular problem and the various solutions related to that problem are categorized. After the collection of information Learning Phase comes in which various conclusions are made out of that information which is gathered and in last phase i.e. Recommendation Phase an output is given in which various recommendations are made.

# Working Methodology (Summary on how your project is going to work/solve the problem stated)

* This project has been developed using Machine Learning algorithms. KMeans clustering was used to cluster the food according to calories
* Random Forest Classifier is used to classify the food items and predict the food items based on input given.

# Specifications (Tech Stack Used - Hardware + Programming Languages)

* In this particular model we used python code and the tech stack is Jupiter notebook , and it mainly run on Python language.

# Links and other Information:

* Github link----[Beast-Sanjay/ML\_diet\_recommender (github.com)](https://github.com/Beast-Sanjay/ML_diet_recommender)
* Video presentation Link-----[Diet Recommendation System - Jupyter Notebook (loom.com)](https://www.loom.com/share/ceecdd8e0334412e89777eca59b63940)
* And I want apologies for not uploading this file in devfolio and hope you like our project