Our Topics are,

Healthcare bot using Machine Learning

- In this topic we are planning to create a healthcare bot by using machine learning. We will divide this into 4 sub parts.

    1. When the user discusses their symptoms with the bot, the bot has the ability to analyze the disease according to those symptoms and recommend to the user which surgeon is suitable for that disease.
    2. When the bot recognizes the disease, The bot has the ability to analyze which medicines are most suitable and commonly used for this disease and then the bot makes an estimated cost and sends the user. and also the availability of that relevant medicine as well.
    3. For the serious symptoms, The bot has the ability to analyze which medical reports & tests that are commonly done for that disease and sends an estimation cost for it as well. and also the availability of those medical tests.
    4. When a user uses this bot for a long time. The bot has the ability to learn from the relevant user's medical history. So when the next time a user discusses their symptoms, the bot has the ability to analyze and suggest the disease from the user's past history.

Fruiting period and Issues prediction by using Machine Learning & Image Processing.

- In this topic we are planning to analyze the fruit by using image processing and according to that image it has the ability to analyze whether that fruit is in good condition or not. and as well as it can be identified the issues which are in that fruit. This has the ability to predict the fruiting period of that relevant fruit as well.

Create a centralized criminal database by using Image processing & Machine Learning.

- With this topic we are planning to create centralized criminal records for the country. The authorized organizations can get a detailed report of someone that they want to search by using an image of that relevant person. Someone will add these records, If someone breaks the country law and if the court decides that person is guilty. And also if someone is in the CRIB that person's details are also recorded in this system. With this system criminals will not be able to evade law enforcement. They can be identified and apprehended when they conduct any legal work.

Fuel Usage Prediction and Management Tool for The Petroliam.

- With this topic, We are planning to create a system for the petrol sheds as well. Now they do not have any computerized facility to indicate the fuel levels of their underground tanks. So we are planning to create a tool for it by using sound waves. And also for the fuel distribution, they do not have any system to analyse the fuel usage of each area. With this system we are planning to predict the fuel usage for each district within the next 6 months. so the fuel distribution can be managed well by using this system.