**Brainstorm**

**& idea prioritization**

Machine Learning-Based Predictive Analytics for Aircraft Engine

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**Engine runtime prediction**

Now a days aviatiom industries facing major problems with engines runtime prediction . so we are now going to make it easier with the help of machine learning techniques

# Brainstorm

Now we are going to share our ideas with a sticky note to address to have a solution on problem

## Prem kumar/Gokul

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | Study Machine learning concepts |  | |
|  | Analyzing |  | Predict the engine |  |
| data by using | condition |
| Classifcation | using the ML methods |
| Train the model |  | Getting solution about problem |  | Test and Validate the model |

FLOW

## Prasanth

**PROBLEM**

**How might we are going to predict the working time of aircraft engine for a particular interval of time?**

Knowlwdge about fight data

## Mushraf

check engine capacity

|  |
| --- |
| Design the Prediction Model |
| Collect the data about engine |
| Learn ML Learing Techniques |
| Time calculation |
| Prediction using ML techniques |
| Data classifcation techniques |

Monitoring Weather Condition

Study about problem solution

Gathering the data

Checking fight condition

Design Model

Learn ML learing methods

## Bhuvaneshwaran

Prepare the solution Architecture

Prepare the dataset about the engine

Getting solution about problem

Study about the data

Check Accuracy with Data

Gather the related models

Build the Solution model

Calculate time for failure



Create application using fask

Design the user interface