

# **Machine Learning Based Predictive Analytics for Aircraft Engine**

## **1.What are the common engine starting problems in aircraft?**

- ✓ Over -Priming
- ✓ Starting a cold soaked engine
- ✓ Vapour Lock and engine flooding
- ✓ Too many Start attempts

## **2.What causes a plane engine to fail?**

- a) Bird Strikes
- b) Volcanic crash
- c) Fuel starvation

## **3.What are the basic sections in an aircraft engine?**

Air intakes.

Compressors.

Combustors.

Turbines.

Cooling systems.

## **4.How long do aircraft engine last?**

The record for maximum time for an engine on Wing is 40000Hours

## **5. How do prevent airplane engine failure?**

Maintenance of engine and monitoring the operation performance of engine regularly prevents its failure.