PROBLEM STATEMENT- **Machine Learning-Based Predictive Analytics for Aircraft Engine**

- To predict and report the failure and the working condition of the aircraft engine using Machine Learning (ML) that is trained using the required dataset.

- These methods are effective for Predictive Maintenance (PdM) and to obtain other developing methods that is suitable for PdM especially to avoid aircraft engine failure and give more success rate.

- The future aircraft engine functioning is predicted using its current condition and varying environmental factors like climate, engine temperature, windspeed etc.