

# Problem Statements

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

I am	I'm trying to	But	Because	Which makes me feel
The Pilot	complete the journey safely	have a fear of engine failure during flight.	the maintenance officer could have made errors during ABC checking.	stressed thinking what may happen.

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The Mechanic	measure the hydraulic oil levels, air data sensor from aircraft monitoring system for every 24 hours	aircraft monitoring system or automatic warning system may not work after takeoff	of the prevalence unpredictable issues	frustrated.

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The Flight safety officer	improve the engine reliability and flight safety	I can't predict the failure effectively.	the statistics is too complicated due to the presence of huge number of components and inter-dependencies in the engine	pressurized as there are too many lives at stake