

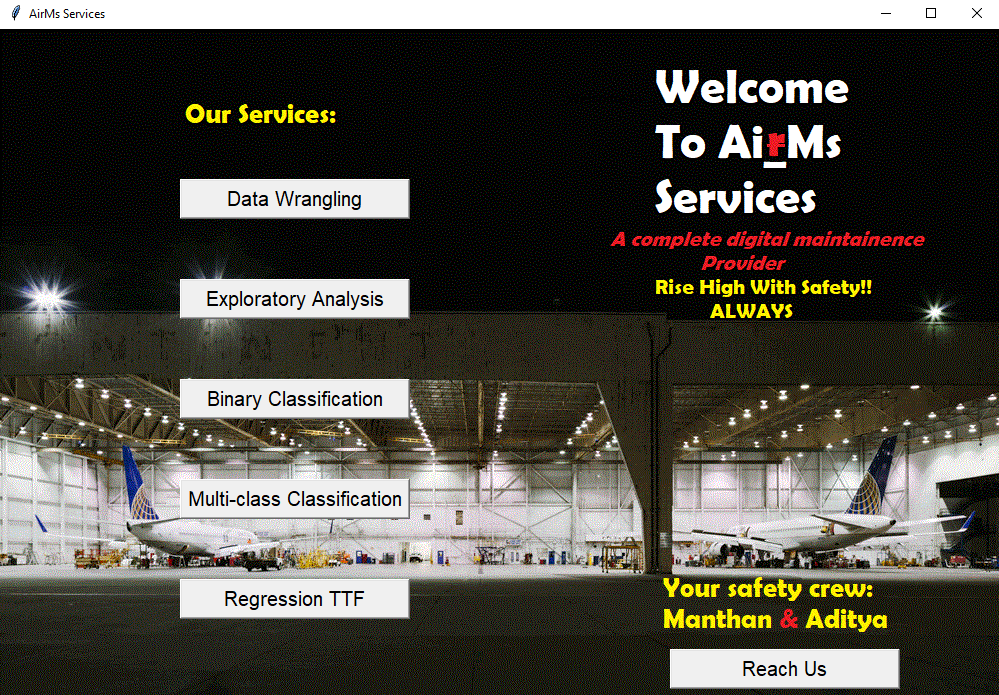
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| Ai~~r~~Ms Services  User Manual |
| * *A Complete Solution to Aircraft Predictive Maintenance* |
| December 14  AirMs  Authored by: Manthan Dhisale  Aditya Iyenger |

Ai~~r~~Ms

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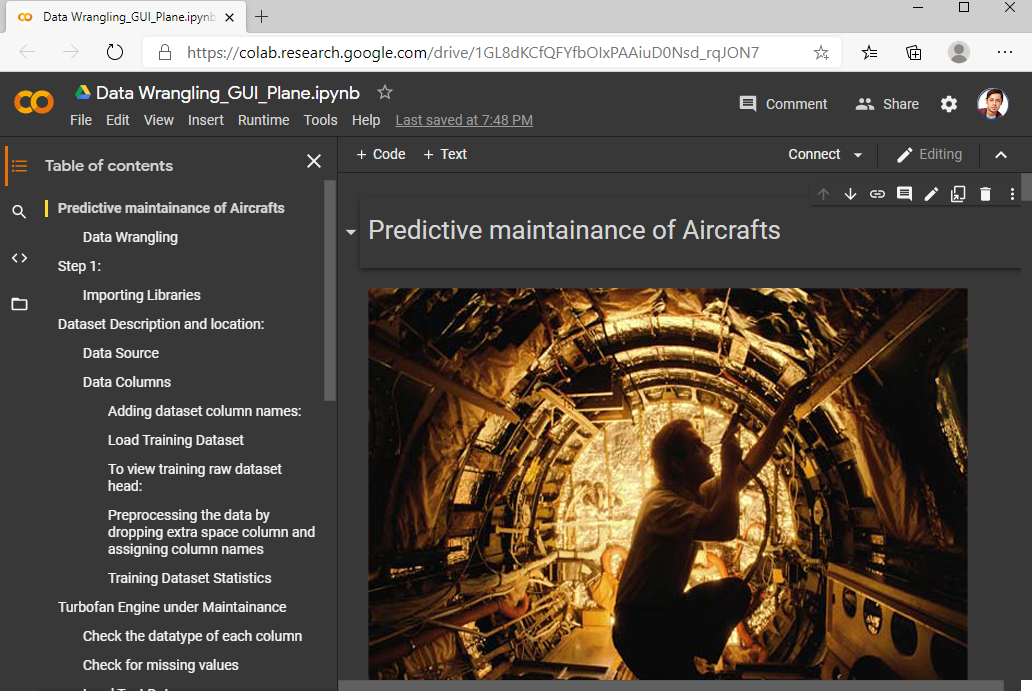
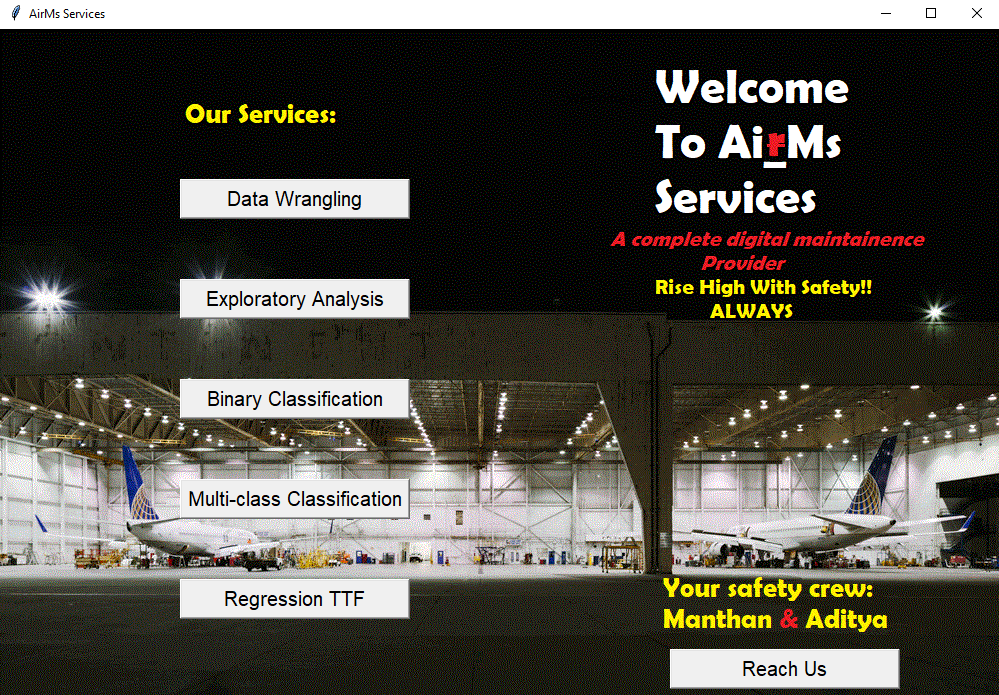
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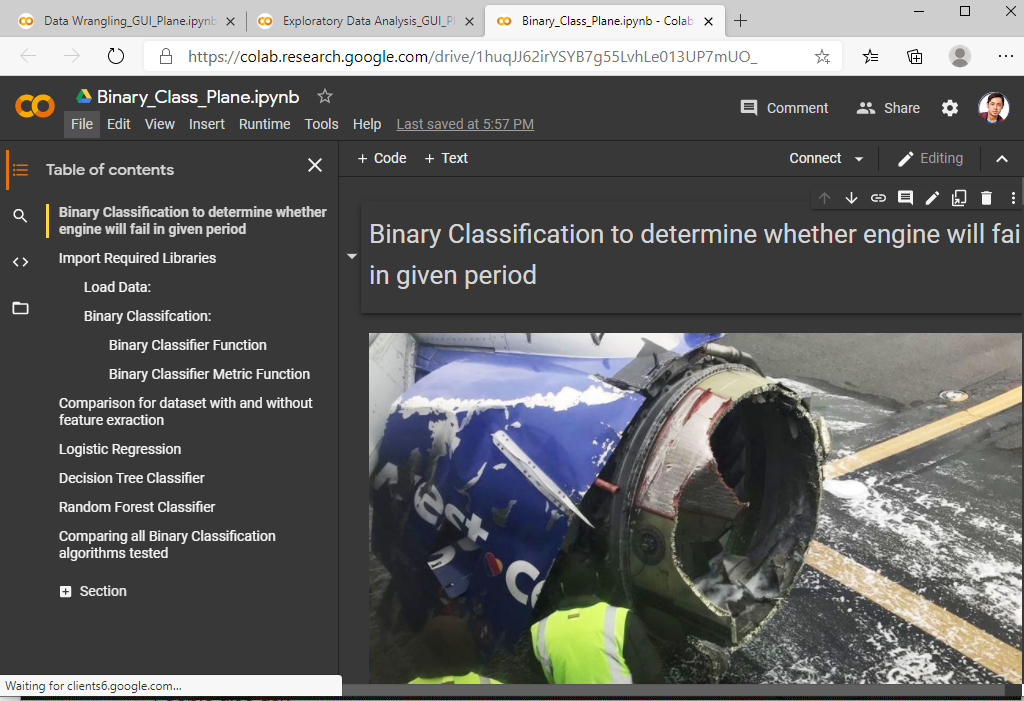
Graphic User Interface

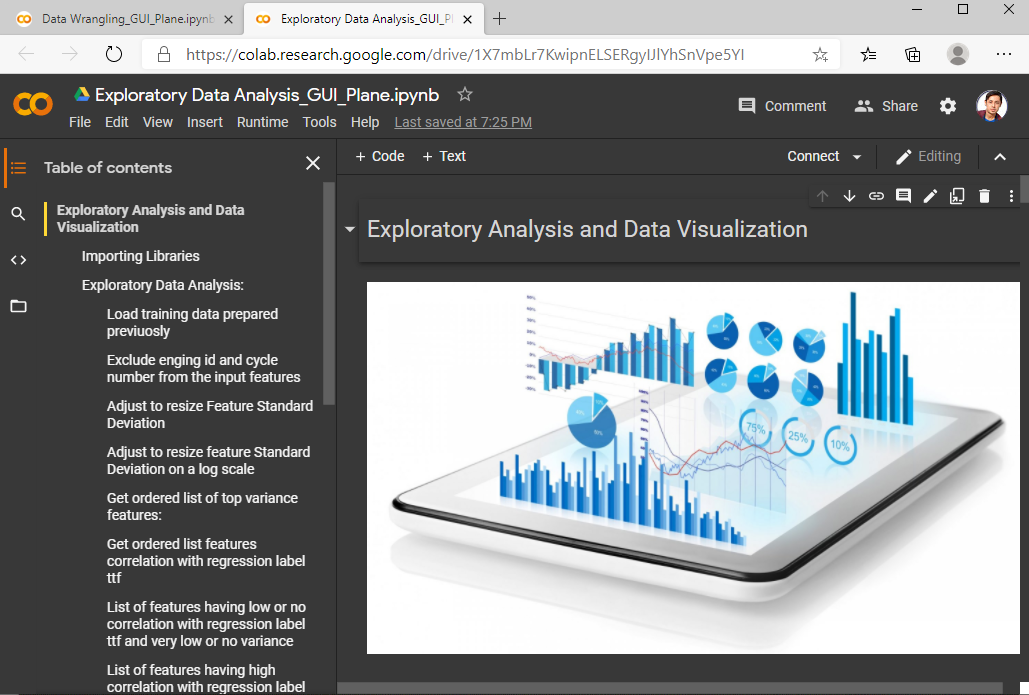


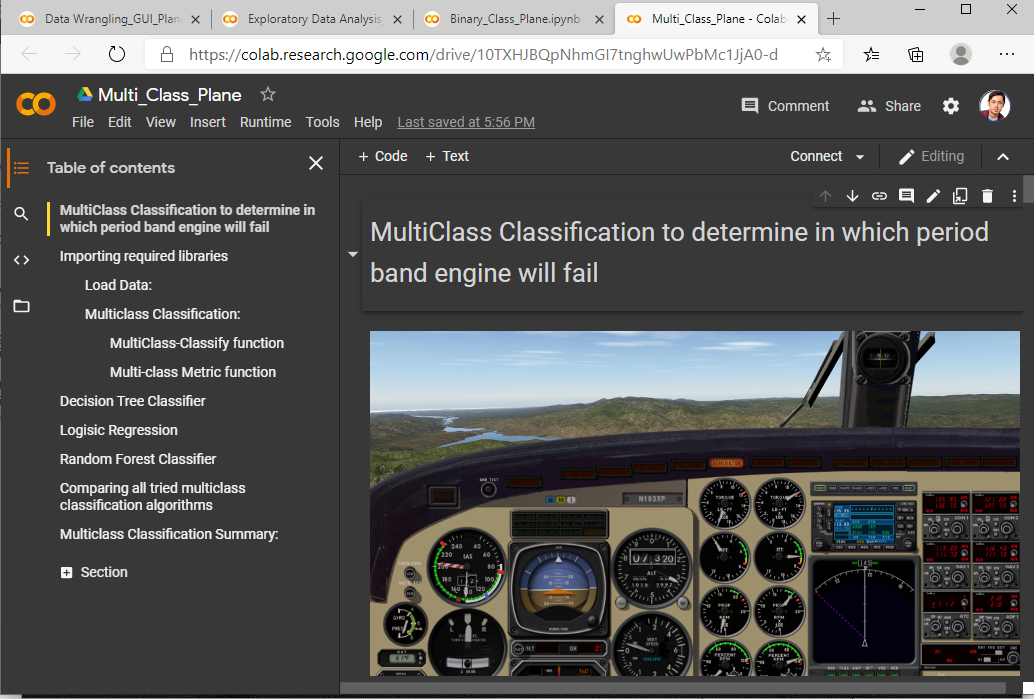
A complete user-easy and interactive interface, through which a User can access to 5 Google Colab Notebooks online.

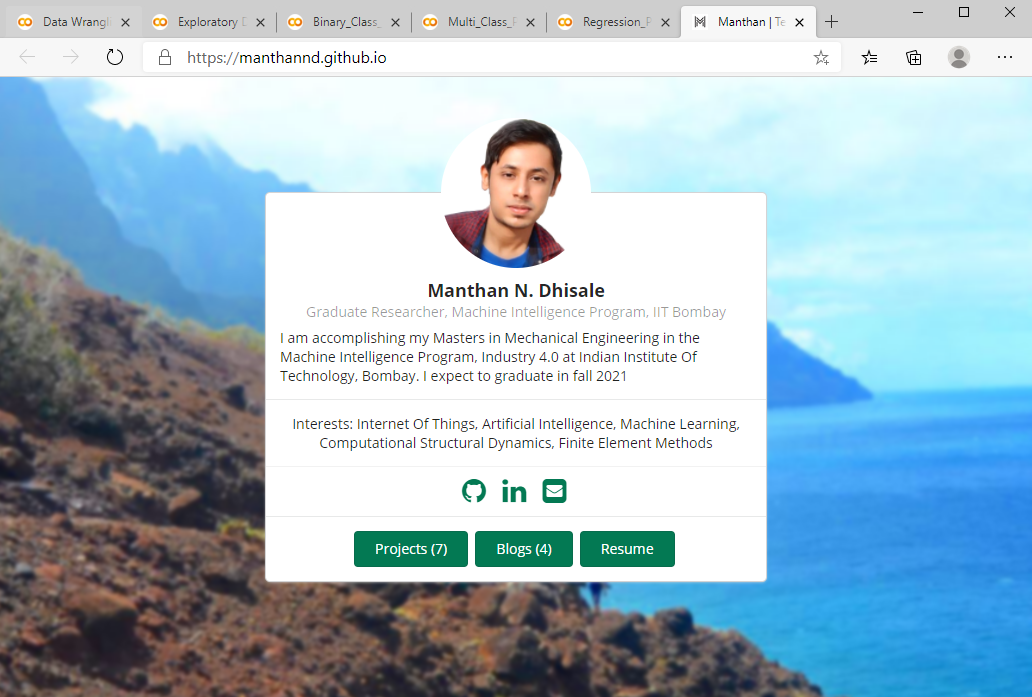
Also Users can reach the Safety Crew (AirMs Leaders) through Reach Us features, where they can drop a mail or view the leaders profile.

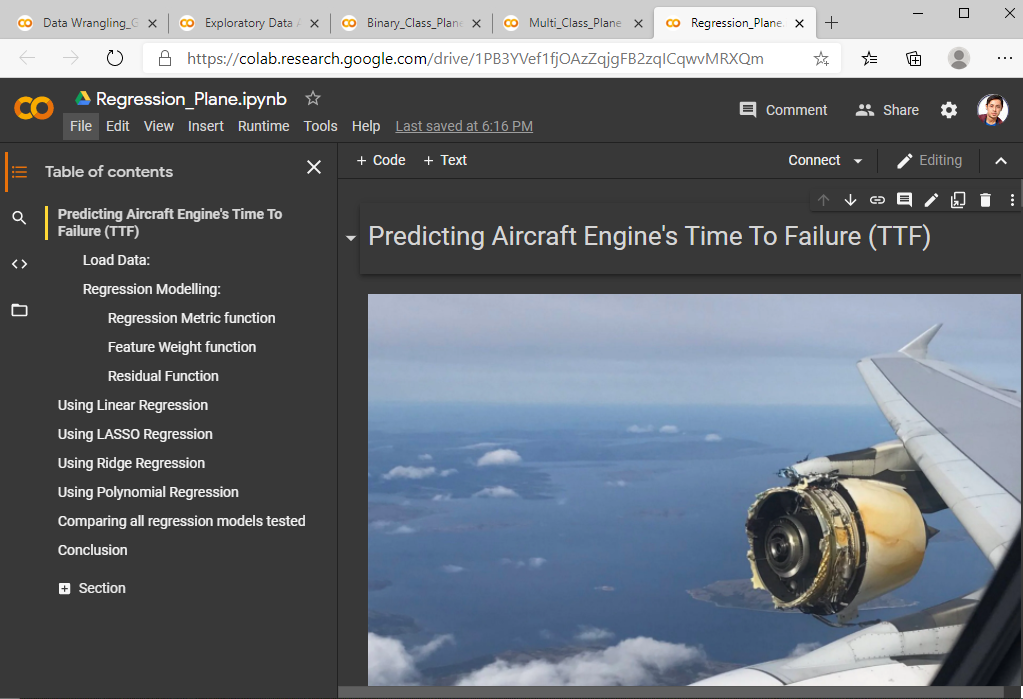
 





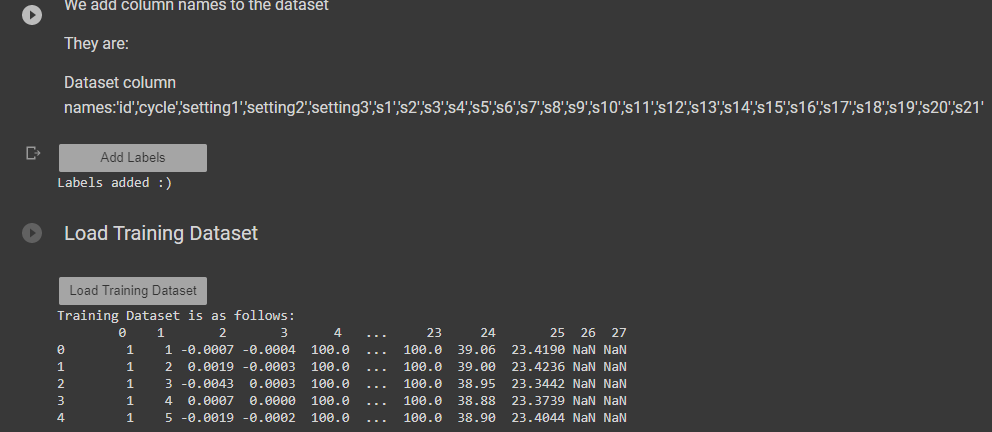




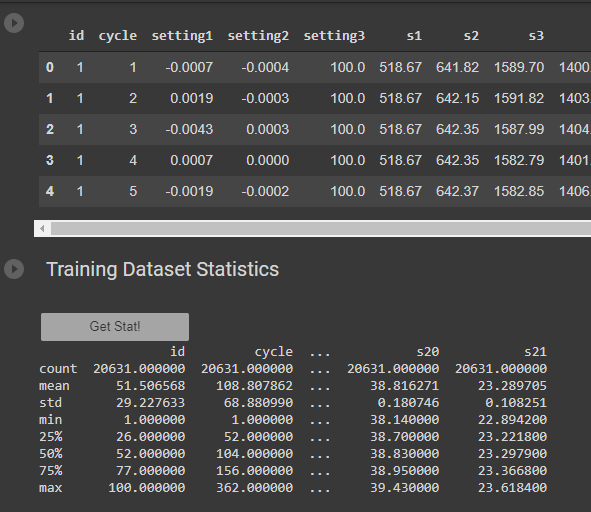


Data Wrangling ( A Code free Interface with Colab Form Features for GUI)

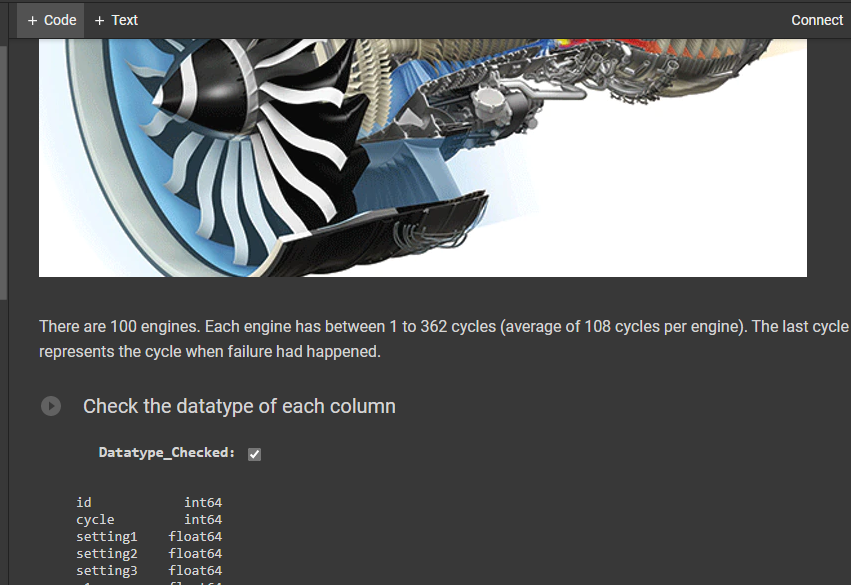
1. Colab Buttons for Loading data and training:



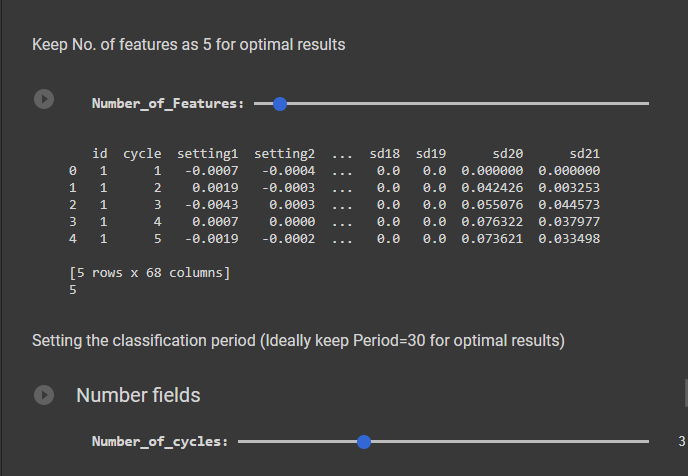
1. Stat Button:



1. Checkbox decisions:



1. Scroll feature to define no. of cycles and no. of features:

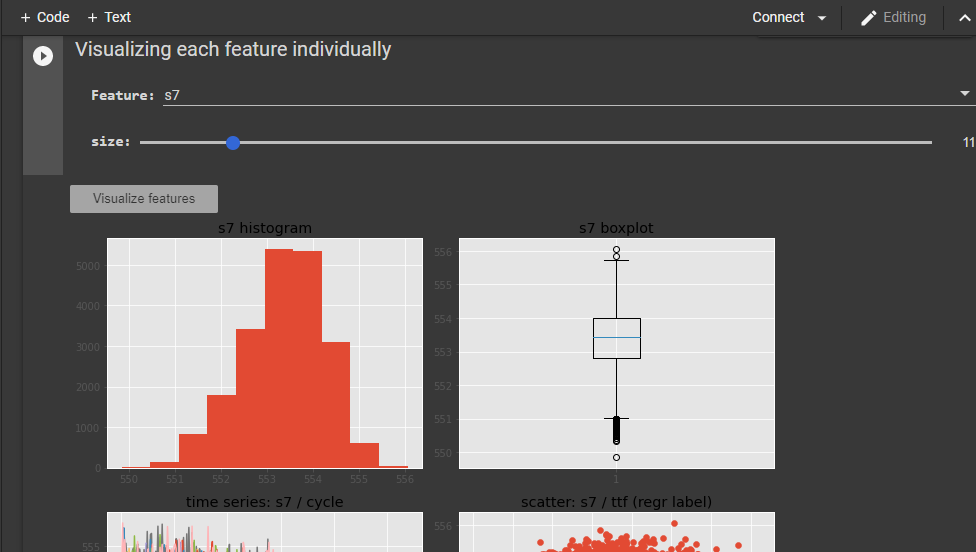


Exploratory Analysis and Data Visualizations

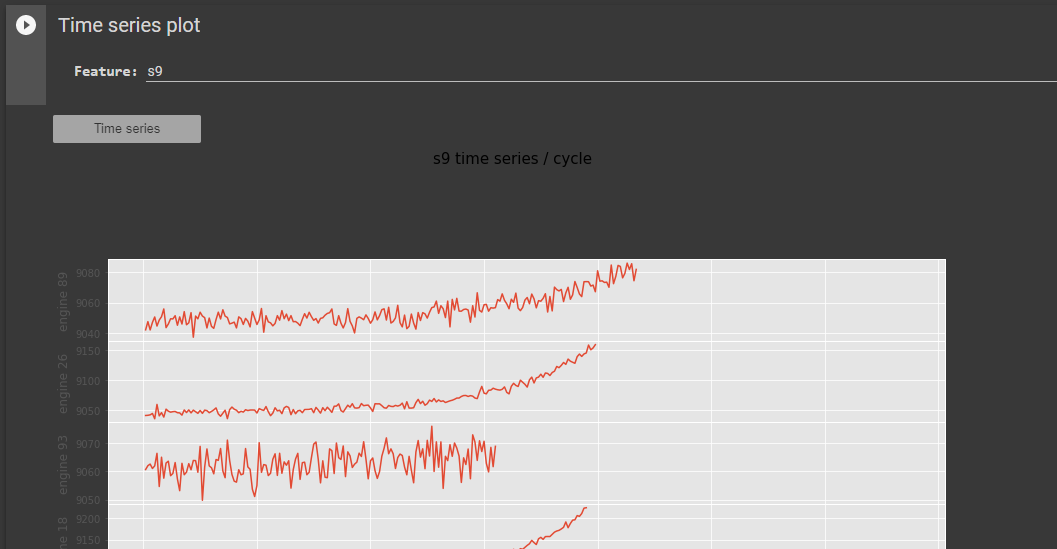
1. Scroll based Hyper-parameter Selection and plot size:



1. Selecting Sensor and getting the data trends



1. Time Plots button access



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| Time To Failure Prediction using Regression model   1. Visualization comparison of Train/Test      1. Performance comparison using various models     Failure Prediction using Binary Classifier   1. Visualization Plots of Precision and Recall      1. Performance Comparison of various models     Failure Prediction using Multi-class Classifier   1. Visualization Plots of Precision and Recall      1. Performance Comparison of various models     **Our Unique Selling Propositions** |
| ***RISE HIGH WITH SAFETY***  ***ALWAYS!!*** |
|  |