Proposal

Finding an Open-Source GitHub Repository and using Big Data Technologies, solving a bug or creating an enhancement. The finalized project is "Predicting flight delays overcomes model problems by YOGESH NILE"

The project objective is to enhance the accuracy of flight delay predictions by addressing model issues through the utilization of open-source technologies and big data tools. To achieve this goal, the project involves sourcing a suitable GitHub repository that aligns with the specific requirements of the task. By leveraging existing open-source solutions, the project aims to build upon a foundation of community-driven innovation and collaboration. Additionally, the implementation of big data technologies will enable the handling of vast datasets inherent in the aviation domain, facilitating more robust and comprehensive analyses. To contribute to the open-source community, the project also focuses on identifying and resolving any existing bugs within the chosen repository or introducing enhancements to improve overall performance. This collaborative approach ensures the development of a reliable and efficient model for predicting flight delays, addressing challenges through community-driven solutions and leveraging the power of big data technologies.

GitHub Repo's Link:

https://github.com/yogeshnile/Flight-Delay-Prediction.git

Issue's Link:

https://github.com/yogeshnile/Flight-Delay-Prediction/blob/master/Predict%20Delay%20in%20Flight.ipynb

IEEE Papers Link: https://ieeexplore.ieee.org/document/10126220