

AIRCRAFT MAINTENANCE SCHEDULING

AN OPTIMIZATION MODEL IS DEVELOPED TO FIND THE MINIMUM NUMBER OF CERTIFIED PERSONNEL REQUIRED AT EACH BASE FOR EACH AIRCRAFT.

SALIENT FEATURES:

- Single click solution developed using open-source software – python.
- The tool can be used to generate daily/weekly/monthly maintenance allocation schedule
- Manpower allocation at each base for both team A & team B is achieved with scope for buffer time
- Log data showcasing activity and aircraft wise distribution, also benchmarked with solvers for reduced run time and improved accuracy

