

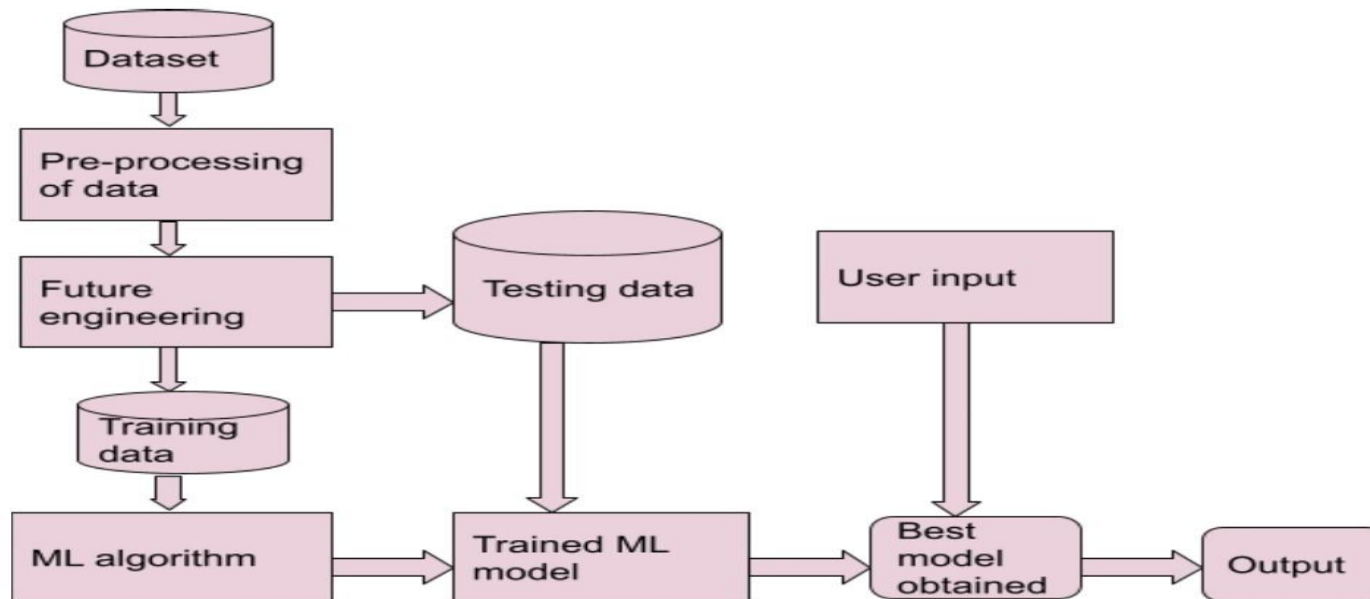
Project Design Phase-II

Data Flow Diagram & User Stories

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| Date | 18 October 2022 |
| Team ID | PNT2022TMID32621 |
| Project Name | Flight Delay Prediction Using Machine Learning |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.



User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|-------------------------|-------------------------------|-------------------|---|---|----------|----------------|
| Customer (Web user) | Registration | USN-1 | As a user, I can register for the application by entering my email and password | I can access my account / dashboard | High | Sprint-1 |
| | | USN-2 | As a user, I can register for the application through Gmail | I can register and login by providing Gmail with access permissions | Medium | Sprint-1 |
| | Login | USN-3 | As a user, I can log into the application by entering email & password | I can login using my registered email and password(login credentials) | High | Sprint-1 |
| | Logout | USN-4 | As a user, I can logout by clicking logout button | I can logout my account from website | High | Sprint-1 |
| | Prediction | USN-5 | As a user, I can prediction result through dashboard by integrated ML Model | I can get prediction by giving valid input | High | Sprint-3 |
| Customer Care / support | Query/ complaint raise | USN-6 | As a user, I can raise Query or complaint about technical issues | If raised query valid or true then resolve and response, else explain the missing understanding | Medium | Sprint-4 |
| | Feedback/ rating | USN-7 | As a user, I can give feedback and rating to the application | Support team accept the feedback , try to improve application | Medium | Sprint-4 |
| Administrator | Maintain | USN-8 | Administrator maintain the database and overall application | Punctual maintenance | High | Sprint-4 |
| Developer | Testing | USN-9 | As a developer, I test the application which I have developed | I test the application for checking errors and rectify it | High | Sprint-1,2,3,4 |