

Project Design Phase-II Technology Architecture

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| Date | 09 November2022 |
| Team ID | PNT2022TMID37323 |
| Project Name | Predicting the energy output of wind turbine based on weather condition |
| Maximum Marks | 4 Marks |

TECHNOLOGY ARCHITECTURE:

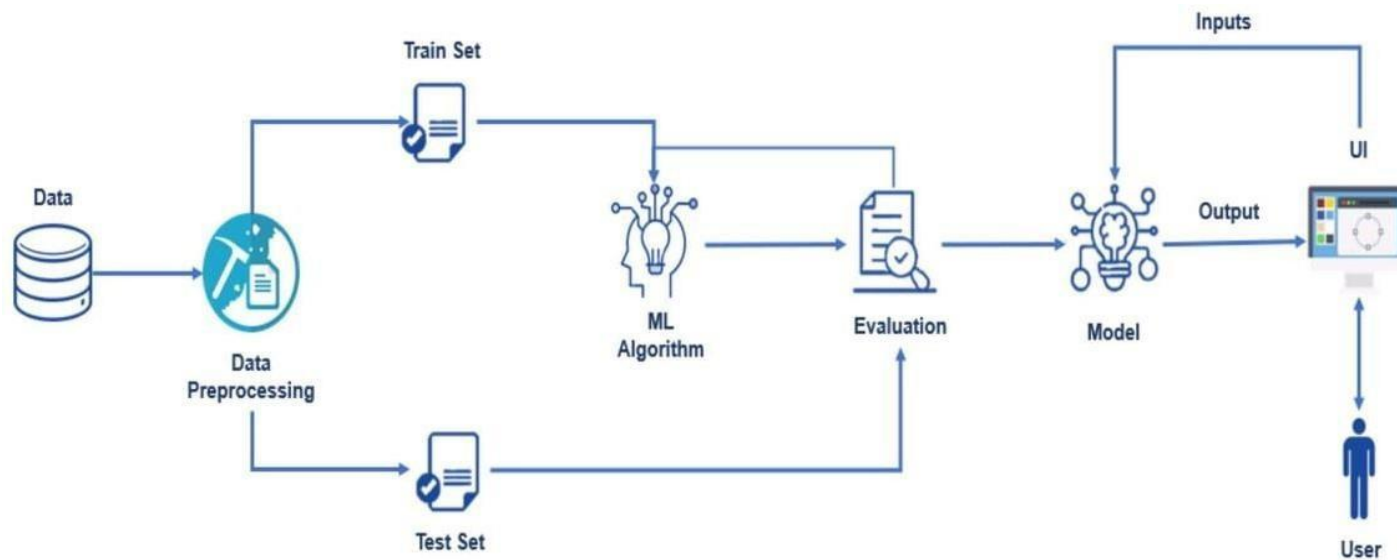


Table: Components & Technologies:

| S.No | Component | Description | Technology |
|-------------|------------------------|---|-----------------------------------|
| 1. | User Interface | How user interacts with application e.g. Web UI, Mobile App, Chatbot etc. | HTML, CSS |
| 2. | Application Logic | Logic for a process in the application | Python |
| 3. | Cloud Database | Database Service on Cloud | IBM Cloud Storage |
| 4. | File Storage | File storage requirements | Local Filesystem |
| 5. | Machine Learning Model | Purpose of Machine Learning Model | Random Forest , Linear Regression |