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|  | **Cupcake** | **Cake** | **Wedding Cake** |
| **Front End** | No front end - Direct Function call in Jupyter lab | Using Pyviz UI Dashboard and Tabs | Host on Website - Local Server |
| **Documentation** | Readme file with project details on Github | Readme file with project details on Github | Readme file with project details on Github |
| **Infra** | Jupyter Lab with imported libraries | Jupyter Lab with imported libraries | Jupyter Lab with imported libraries and Web app plugin |
| **Architecture** | Core function which creates and saves Decision Tree Model. | Core function which creates and saves Decision Tree Model  Visualization code for Pyviz Dashboard | Core function which creates and saves Decision Tree Model  Visualization code for hosting on website (local server) |
| **Presentation** | Live demo with powerpoint | Live demo with powerpoint | Live demo with powerpoint |
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| **(1). The Functionality o0f your tool ?** | |  |  |
| Ans: The tool will create a Random Forest Classifier for a user provided data set (input dataset to be in specific format as defined in the final product). The created model will be saved for reuse by the user and predictive strength details will be provided over the testing dataset. | | | |
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| **(2) What kind of variables are you looking for?** | | |  |
| Ans: The function will essentially work on any numerical data as provided by the user. For best outcomes, we recommend the user provide categorical variables in numeric format (e.g. 0, 1 , 2 etc.). These variables should ideally be providing rule based answers similar to Yes / No. That being said, the model is intended to work for any type of numeric data.  Predictive strength will vary depending on user provided data | | | |
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| **(3). How are we monetizing our product?** | |  |  |  |
| The idea is to create an open source free standing tool for the benefit of analytical users to pcreate user required Ramdom Forest Models.  **Who is responsible –**  Coders – Pranav and Jack  Research – Mufti, Jude, Anthony and Dipendra  Documentation – Anthony and Dipendra | | | |  |