Meets Specifications

Congratulations Ashraf,

You did the required changes and now your project is complete.
The topic is very interesting and you did a great project.

Best regards,

Definition

Student provides a high-level overview of the project in layman's terms. Background information such as the problem domain, the project origin, and related data sets or input data is given.

Awesome
The project overview is presented with sufficient details.

The problem which needs to be solved is clearly defined. A strategy for solving the problem, including discussion of the expected solution, has been made.

The problem is defined as a forecasting task, which is based on historical data from JHU to assign the number of people infected by COVID for 30 days. It is an interesting project.

Metrics used to measure the performance of a model or result are clearly defined. Metrics are justified based on the characteristics of the problem.

Error is a good metric for this problem.

Analysis

If a dataset is present, features and calculated statistics relevant to the problem have been reported and discussed, along with a sampling of the data. In lieu of a dataset, a thorough description of the input space or input data has been made. Abnormalities or characteristics of the data or input that need to be addressed have been identified.

You mentioned how the dataset was obtained and also presented the features of the data. As a suggestion, it is a "best practice" to provide some characteristics of the data (e.g missing values, outliers, noise ...)

Algorithms and techniques used in the project are thoroughly discussed and properly justified based on the characteristics of the problem.

It is for the best to mention and discuss in the section "Algorithms and Techniques" the algorithm that is behind the Curve_fit.

A visualization has been provided that summarizes or extracts a relevant characteristic or feature about the dataset or input data with thorough discussion. Visual cues are clearly defined.

Student clearly defines a benchmark result or threshold for comparing performances of solutions obtained.

The model provided by the University of Melbourne was selected as the benchmark. Someone's solution for the same problem based on the same dataset works well as a baseline model. Well done!

Methodology

The process for which metrics, algorithms, and techniques were implemented with the given datasets or input data has been thoroughly documented. Complications that occurred during the coding process are discussed.

Each step of the implementation was described and you also demostrated the benchmark. Well done.

All preprocessing steps have been clearly documented. Abnormalities or characteristics of the data or input that needed to be addressed have been corrected. If no data preprocessing is necessary, it has been clearly justified.

The process of improving upon the algorithms and techniques used is clearly documented. Both the initial and final solutions are reported, along with intermediate solutions, if necessary.

Results

The final model's qualities—such as parameters—are evaluated in detail. Some type of analysis is used to validate the robustness of the model's solution.

The results of your model were presented and properly discussed.

The final results are compared to the benchmark result or threshold with some type of statistical analysis. Justification is made as to whether the final model and solution is significant enough to have adequately solved the problem.

Now the results of your model are properly checked against the benchmark and very well discussed. The important thing is that you have a well-defined benchmark model that yields results that can be compared against your final solution, your model does not have to necessarily provide better results than the baseline model. Well done.