BLUEYONDER HACKATHON SUBMISSION

**Team**: Team Firebirds

**Challenge:** Using Data Available from Restaurants, Predict the Only Order Delivery Time Based on certain Factors

**Team Members**: Jay Shukla, Hilay Trivedi, Rahil Lohiya

Hello Sir/Madam,

This document contains the links and instructions that will help you evaluate our submission.

**1) Using Github:**

* We have uploaded our submission on Github which you can access at [this link (Click Me)](https://github.com/Jay206-Programmer/Blueyonder-Hackathon) .
* You can clone this repository in your environment. It contains all the datafiles and notebooks for this challenge.
* Then you will have to run “Restaurent\_Delivery\_Time\_Prediction(Team\_Firebirds).ipynb” in your **Jupyter Notebook** Environment.
* You might have to install below mentioned libraries:
  + Pandas - pip install pandas
  + Matplotlib – pip install matplotlib
  + Seaborn – pip install seaborn
  + Xgboost – pip install xgboost
  + Scikit-learn - pip install scikit-learn

**2) Using Google Colab:**

* We mainly created this submission in **google colab** environment because,
  1. The code runs on the google servers, so the code is **platform independent** as long as you have the colab notebook **link**.
  2. No need to set up the environment. All the required libraries are either already installed on the servers or installed directly from notebook.
  3. Colab provides faster GPUs and CPUs so no hardware barrier while training heavy models.
* To evaluate our submission using Colab go to [this Link](https://colab.research.google.com/drive/1XqZm8Etns7_UA0gNyFWmr03oS8C2dm9o?usp=sharing) .
* Then you will have to upload the **Test\_data.xlsx** and **Train\_data.xlsx** on the colab notebook. (We have linked our *google drive* with the colab nb but google *won’t let you use* those files from my drive even if I give access. So because of that you will have to upload those 2 files.)

The Notebook and the Colab-Notebook contains all the information about **how** we implemented the code and **why** we chose some particular approach. Hope you like our implementation.

Thank you!

* Team Firebirds