

## Project Development Phase

### Project Development - Delivery of Sprint-1

Date	10 November 2022
Team ID	PNT2022TMID39445
Project Name	Project – Analytics for Hospitals' Health- Care Data

#### Task 1: Download the Dataset using Kaggle API (By uploading reference dataset in kaggle)

**Step1:** Login kaggle

**Step2:** Create new API token

**Step3:** Download the json file

**Step4:** Open Google Colab, new notebook

**Step5:** Procedure in Google Colab (Code)

```
!pip install -q Kaggle #Install

!mkdir ~/.kaggle #Creating a kaggle directory

!cp kaggle.json ~/.kaggle/ #Copying json file to folder

!chmod 600 ~/.kaggle/kaggle.json #Changing the permissions to json

!kaggle datasets download -d priyakumaran/healthcare #Copy pasting the path from kaggle
Downloading healthcare.zip to /content
 0% 0.00/6.54M [00:00, ?B/s]
100% 6.54M/6.54M [00:00<00:00, 122MB/s]

!unzip /content/healthcare.zip #To unzip
Archive: /content/healthcare.zip
  inflating: sample_sub.csv
  inflating: test_data.csv
  inflating: train_data.csv
  inflating: train_data_dictionary.csv
```

The screenshot displays a Google Colab notebook interface for a project named "Healthcare.ipynb". The browser's address bar shows the Colab URL. The notebook's menu bar includes options like File, Edit, View, Insert, Runtime, Tools, and Help. On the left, a file explorer pane lists the contents of the current directory, which include a folder named "sample\_data" and several files: "healthcare.zip", "kaggle.json", "sample\_sub.csv", "test\_data.csv", "train\_data.csv", and "train\_data\_dictionary.csv". The main area of the notebook contains five code cells, each with a terminal output. The first cell installs Kaggle using pip. The second cell creates a ".kaggle" directory. The third cell copies the "kaggle.json" file into the ".kaggle" directory. The fourth cell sets permissions for the "kaggle.json" file. The fifth cell downloads the "healthcare" dataset from Kaggle. The output of the fifth cell shows the download progress and the files included in the "healthcare.zip" archive. A status bar at the bottom indicates that the process completed at 10:41 PM.

```
[1] !pip install -q kaggle

[2] !mkdir ~/.kaggle

[3] !cp kaggle.json ~/.kaggle/

[4] !chmod 600 ~/.kaggle/kaggle.json

[5] !kaggle datasets download -d priyakumaran/healthcare

Downloading healthcare.zip to /content
0% 0.00/6.54M [00:00<?, ?B/s]
100% 6.54M/6.54M [00:00<00:00, 122MB/s]

!unzip /content/healthcare.zip

Archive: /content/healthcare.zip
  inflating: sample_sub.csv
  inflating: test_data.csv
  inflating: train_data.csv
  inflating: train_data_dictionary.csv
```

**Step6:** Download the csv files