**Project Idea # 1**

**Capstone 2 – Project Ideas**

* **TITLE**

***Predict Health Insurance Cost based on individual Health Parameters***

* **INTROUDUCTION**

This Project is to build a model that could predict the amount an individual needs to pay towards his Health insurance per year based on certain Health parameters.

* **DATASET**

Medical Costs Dataset: <https://www.kaggle.com/mirichoi0218/insurance?select=insurance.csv>

**Project Idea # 2**

* **TITLE**

***Determinants for Startup Success***

* **INTROUDUCTION**

Identify the quantitative features that might contribute towards the success or failure of any venture based startup and build a model to predict whether a startup could be successful based on those parameters along with other subjective assessments such as Founder(s) qualification and Product/Market fit.

* **DATASET**

Startup Investments Datasets: <https://public.tableau.com/s/sites/default/files/media/Resources/crunchbase_monthly_export_d43b4klo2ade53.xlsx>

**Project Idea # 3**

* **TITLE**

***Credit Card – Anticipating Customer Attrition***

* **INTROUDUCTION**

Analyze and build a model through which a Credit Card company would be able to detect the major reasons why customers are leaving the company so that they would be able to react and prevent customers from leaving.

To better understand what attributes (features) are making clients to leave the organization.

Following tasks to be performed in order to come up with potential solutions and conclusions:

* Explore data to draw some insights in order to have a general idea what could be the potential features that are causing clients to leave the organization.
* Identify features that have the highest impact for customers to leave
* Implementing AutoML to select the best Model to deal with this classification problem
* **DATASET**

Customer Data: <https://www.kaggle.com/sakshigoyal7/credit-card-customers?select=BankChurners.csv>