**Holmusk Data Modelling**

**Approach:-**

**-----------------**

Minimal Coding and maximum Efficiency.

Robust and readable coding style.

**Platform:-**

**-------------------**

**Ubuntu** 14, **python** 3.5,

**pandas**, #for handling datasets

**numpy**, #for numerical computation

**functools** #to join data frames

**pylab** #for plotting

**Steps:-**

**--------------**

1. Read data from given .csv files and create Data Frames.
2. Join dfBill\_amount, dfBill\_id on column **'bill\_id'** and Create temp data frame **dfBill**.
3. Rename column **'id'** to **'patient\_id'** in dfCl\_data.
4. Join dfBill, dfCl\_data, dfDemo on column **'patient\_id'** and create final data frame **dfFinal.**
5. Create .csv file from data frame **hmFinal.csv.**
6. Explore data based on **hmFinal.csv.**
7. Play with data modelling and create multiple insights out of **hmFinal.csv.**