# Who Iam I ?

* My name is Mohommad Najeed Osmani and Iam from Karimnagar who is currently pursuing his Mechanical Engineering degree from JNTUH college of engineering, Jagityal.
* My father Mohommad Javid Osmani is a businessman and my mother Meraj unnisa begum is a home maker.

# How did I got to know about the term ‘DATA SCIENCE’

* I always thought of doing something in the field of Computer Science Engineering as I was very much obsessed with the technology. I always thought of pursuing a career into this domain, But unfortunately got into the Mechanical Engineering which I never thought of pursuing.
* I was very much depressed because I had to do something that I never liked.
* Then I met a guy named Mohommad Shahebaaz who is mentor to me and have been a great support. I was amazed by his performances into the domain of Data Science and wanted to do the same.
* I thought it would be a cake walk and could easily get into this by following his guidelines, But later I got to know how deep it is.
* Doing Data Science was always fun to me and I enjoyed it a lot as It gave me a lot of challenges and I always loved doing it.

# My Journey So far

* I have learnt the stuffs related to Data Science from so many resources. Some of the resources are MOOCs, Books and Blogs by some awesome Statisticians and Machine Learning Developer.
* I was trying very hard to get recognition to my work so that I can get a chance to prove my worth into this domain. Finally, this competition gave me the recognition that I needed and hoping to get some boost so that I can succeed much faster into this domain.

# My Approach

* Removing outliers.
* As there are a lot of categorical variables involved using algorithms that implement tree model.
* Choosing transformations for Continuous variables.
* Feature engineering played a key role in getting a very good base line score.
* Columns like client\_agent and device details pretty much indicated the same.
* Label encoding was done to all the categorical columns.
* Now with the help of Mean encoding I have generated more feature that actually helped to generate the good score.
* CatBoost algorithm for training.
* Kept the learning rate very low as it learned a lot and got its error decreased.
* The conversion of the time\_spent column with log1p has made the training very easy as the metric RMSLE always gets low when provided lesser values.
* The predictions were again appied to the power of Euler’s number to scale it back to the original scale.

# Experience with MachineHack

* This was the 3rd competition that I did on MachineHack. Although I have a lot of experience doing hackathons on other platfroms as well.
* I became the MachineHackMaster with just like 3 or 4 competitions and the quality of the competitions that they provide is also something I liked a lot.
* Giving limited chances like less than 10 submissions per day may be a good choice of taking out the ability of a person to make good decision is immense what I found here on MachineHack.
* I wish that I could do some more competitions on this platfrom and would improve my global ranking and would reach to MachineHack Grandmaster faster.