**House Prices Advanced Regression Techniques Walkthrough**

This project has been done as a part of AITS internship assignment

**Kaggle** is a platform for predictive modelling and analytics competitions in which statisticians and data miners compete to produce the best models for predicting and describing the datasets uploaded by companies and users.

**Selected project to this assignment**

* House Prices; Advanced Regression Techniques
* Kaggle link: <https://www.kaggle.com/c/house-prices-advanced-regression-techniques>

**Competition Description**

Ask a home buyer to describe their dream house, and they probably won't begin with the height of the basement ceiling or the proximity to an east-west railroad. But this playground competition's dataset proves that much more influences price negotiations than the number of bedrooms or a white-picket fence.

With 79 explanatory variables describing (almost) every aspect of residential homes in Ames, Iowa, this competition challenges us to predict the final price of each home.

**Methodology**

* Implement two different multinomial regression to predict housing prices with dataset
* Selected Algorithm: Linear Regression, Random Forest, Gradient Booster Regression
* Used Technologies:
  + Python 3
  + Colabs

Link to my submission1.csv file: https://drive.google.com/open?id=10n-pkUoT3MgpMPNpF6cr5It19jFJCDtT