# Weekly Project Meeting Minutes

*The main purpose of the document is to capture all the work that has been done by the group over the course of one week and* ***not*** *to write down what was discussed in a single meeting. You should be meeting and/or working throughout the week*.

Time group spent on project: 11 hours

Group Number: 7

Group members present (Name, ID):

* Delta Joseph (W0735816)
* Amith John Varkey (W0735036)
* Abdul Hannan (W0735818)

Specific Activities from prior week:

* Dataset contained test data and the train data ,we were able to find the null values and impute them with the mean value.
* We Explored a bit more on data visualizations in addition with the previous week.
* We also did scaling by using the min max scaler.
* We also tried the get dummies function to convert the categorical values to dummy variables.
* We were also working to find the correlation of price column with all the other features so that we can build one model with all the features that has more correlation with the price column and also another model with all the other features so that we can compare the result of these 2 models for every regression models.
* Notebook link : [Project .html](Project%20.html)

Specific Output from prior week:

* Delta Joseph -> Explored about Artificial Neural Networks.
* Amith John Varkey -> Worked on Correlation part.
* Abdul Hannan -> Worked on data Visualization.

On Target:

* Indicate the current status of your project
  + **\_\_\_\_\_ green: everything on track for completion by due date**
  + \_\_\_\_\_ yellow: a small number of tasks are off track and completion by due date is at risk
  + \_\_\_\_\_ red: many tasks are off track and project will not be completed by due date

Challenges/Disagreements:

There was no disagreements this week whereas the challenge was to learn more about Artificial Neural Network which was a new term in our Project.

Planned Activities for coming week:

We will still be working on the correlation part as this will be one of the important step before model building. On the next week we will be also starting lightly on different regression models and we will be comparing the accuracy and mae score of different regression models.

* Delta Joseph -> Decision Tree model ,KNN model and SVM.
* Abdul Hannan -> Logistic Regression model and Naïve Bayes.
* Amith John Varkey -> Random Forest model and Linear Regression.