**SELF ASSESSMENT**

Roles played over the course of project:

* Topic suggestion which ended up being the topic of choice.
* Querying and suggesting data processing methodologies; example “why should we drop some columns rather than retain them” and “why change the zero values to NAN”.
* Attend meetings as agreed and let team members know if I wouldn’t make it for the meeting.
* Offering to do the visuals.

Contributions to the project:

* Agreeing/Supporting with other team members suggestions if I ‘truly agreed’.
* Data processing: like recognize the NAN Values, drop and re-name the columns.
* Used Tableau to create visuals and share
* Accept corrections, correct, and share corrections.
* Create GitHub branch for the group.
* Review and make corrections to the README.

Challenges:

* Due to my work schedule, I always had to leave before the team members are done. This made me ask for updates the next time we met and looked like a bother to rest, so I stopped!
* Feeling odd amongst men but I accepted and did what I could to fit in.
* Feeling unappreciated especially when what I did was changed without my consent, but I accepted and let it go.
* Sometimes a team member would take long before they respond on an issue due to their work schedule, which would cause delay. I handled it as it came.

**Team Assessment:**

Communication Protocol, resolution and if they’d be done differently:

* All our communications were through slack, and it worked well for us; I would still recommend it for future use

Team strength including tips and tricks to share with a new cohort:

* Volunteering to do something/apart/section of the project was out greatest strength

**Summary of project:**

After a number of suggestions, we settled on “Housing market in Unite States” as our topic. Luckily, we came across a csv file data on the same form King county, Washington and used it as our dataset. We cleaned and processed the data using Jupyter Notebook and Google Colab. Machine learning module was introduced, (Standard Multilinear regression model) and Neutral Network (Keras model), to acquire accuracy score hence for analysis. Our Dependent variable being price against other 18 independent variables number of bedrooms being a key. The results of the analysis was a predicted price of $380,700 against an actual price form the dataset of $328,000. Tableau was used for visuals.