**Weekly Report 12/2**

**MSiA-400 Group 1** : Ellen, Henry, Ishu, Enzo

Tasks Accomplished:

* Finished all feature engineering.
* Joined all the cleaned tables into one big csv file.
* Tried different clustering algorithms:

1. K Means - ran  
   ii. Hierarchical (Agglomerative Clustering) - did not run  
   iii. PCA - ran, 78 components  
   iv. GMMs - pending (having trouble importing the package)  
   v. t-sne - ran, but visualization was weird

* Break down Report and Deck.

Plans for Next Meeting:

1. Pick k for all clustering methods
2. Visualization for k-means (at least)
3. Analyze and finalize result

Plans after Next Meeting:

1. Start writing final report
2. Start doing power point for presentation