# Meeting Minute - Week 8 (3)

**Meeting Time**: Monday 12th September

**Members Attended**: Yihan Bao, Chaoran Xu, Shunran Wang, Xiangyi Huang, Hairong Xu

What We Have Done Last Week (Week 7)

* **Dataset**: Finished research of all datasets
* **Preprocessing**: Finished preprocessing of all datasets
* **API**: Learned how to use API request

TODO List This Week(Week 8):

1. Derive new useful attributes from existing dataset e.g. Distance to CBD, num of Schools near properties etc.
2. Unify the scope of all data to SA2 District Boundaries: using coordinates of facilities to map to a district.
3. Merge and process datasets respect to research questions.(Detail in last week meeting mintue).

Group By Suburb (Q3):

#Hospital, #school, population density, avg rental price, #entertainment, crime rate, numTrain, numCustomer, avg income, distance to CBD

Prediction Model (Q2):

Attributes: Property median, avg population, annual customer of train stop, income.

Plot attributes: find distribution

Linear Regression

Statistical Model (Q1):