**Meeting Notes for November 10:**

**Aiden**

Search for any algorithm that is suitable for current demand.

Idea direction{

Neighbourhood- (top3-5)- Bus schedule #of Type reported -Timestamp

#case of study - Timestamp

}

Sequential anomaly for seasonal/annual

**Shika:**

Use whole 3 gb file.

Bar charts maybe, separate it by the size of the frequent

K = the group size, 1 temsets, 2 itemsets etc

1-itemset:

St.Johns, 10: meaning entire the whole data set st. johns appears 10 times

Gargabge Pickup, 4

2-itemsets:

St.Johns, Garbage Pickup, 3 :meaning these two pairs happen 3 times

Pre data manipulation

-Use the whole data set(3gb file), create the initial charts,

-Create charts separated by neighbourhoods, maybe type, etc

Basically make a bunch of charts for various scenarios, upload it to folder , and select ones to use based on presentation needs

-Get useful data from the WP visualise tool

After data manipulation:

-Figure out best way to visualise the data, such as bar charts, double bar charts etc

**Kelvin**

* Format frequent pattern results
  + Separate items by comma, last column is support
  + Sort them by ascending k (cardinality)
  + (Confirm with Carson on running FP growth on entire dataset rather than by neighbourhood, ask abt suitable k and minsup to use)
  + Upload to shared drive for Shika to visualize
* Write analysis on FPs found
* Fill in methodology sections in report draft

Mei:

* Look into algorithms for anomaly detections?
* Add references for introduction and other parts