

Meeting #6 Minutes – Analytics Practicum

Date: 15 Feb 2016

Time: 5:00PM

Attendance

Present

Tan Yu Ling

Melissa Lim

Absent

Tan Wei Liang (In a meeting)

Agenda Items

1. How to conduct the buffer

- Prof recommends for us to use turf.js, calculate the distance every time the file is loaded and then query from the memory cache after. However, we're not very sure how to retrieve the information from the memory cache
- To follow prof's method, we probably would have to store the distance in a table similar to this:

	A	B	C	D	E	F	G	H
1	postal codes	dist_park	name	postal_amenity	type	postal_x	postal_y	
2	131443	350	punggol park	530500	park	231.23	43.12	
3	131443	432	kfc		food			
4	131443	2145	mc		food			
5	131443							
6	131443							
7	131443							
8	131443							
9	131443							
10	122313							
11	122313							
12	122313							
13	122313							
14	122313							
15	122313							
16	122313							
17	122313							
18	122313							
19								

- Currently trying to leaflet libraries to count points within buffer (example: <http://blowaballoon.bitballoon.com/>), unsure if this method is too slow with all the data loaded

2. Heat map

- Not as important
- Prof recommends for a choropleth map instead with the planning area boundaries

3. Criteria for high, moderate and low risk by HPB is not optimal

- Prof recommends for a weightage to be given to each parameters and based on its abundance, we derive a composite factor
- Determine cut off points for high, moderate and low risk and from the composite figure, group the flat into high, moderate or low risk

Action Items

1. Work on buffer **(Yu Ling)**
2. Geocode dataset that Isaac has sent **(Melissa and Wei Liang)**
3. Start on proposal **(Everyone)**
4. Add choropleth map **(Melissa)**