

NAME: GENG ZHAOXIN

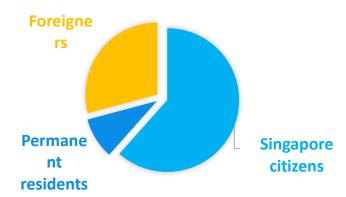
EMAIL: dorigeng.lg@gmail.com

DATE: 8th April 2019

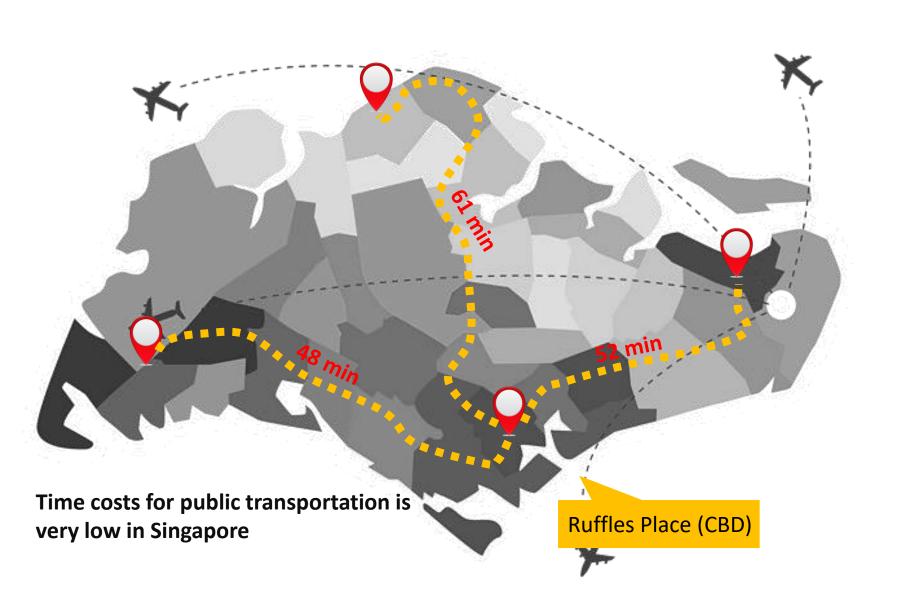




SINGAPORE POPULATION



Where to live?











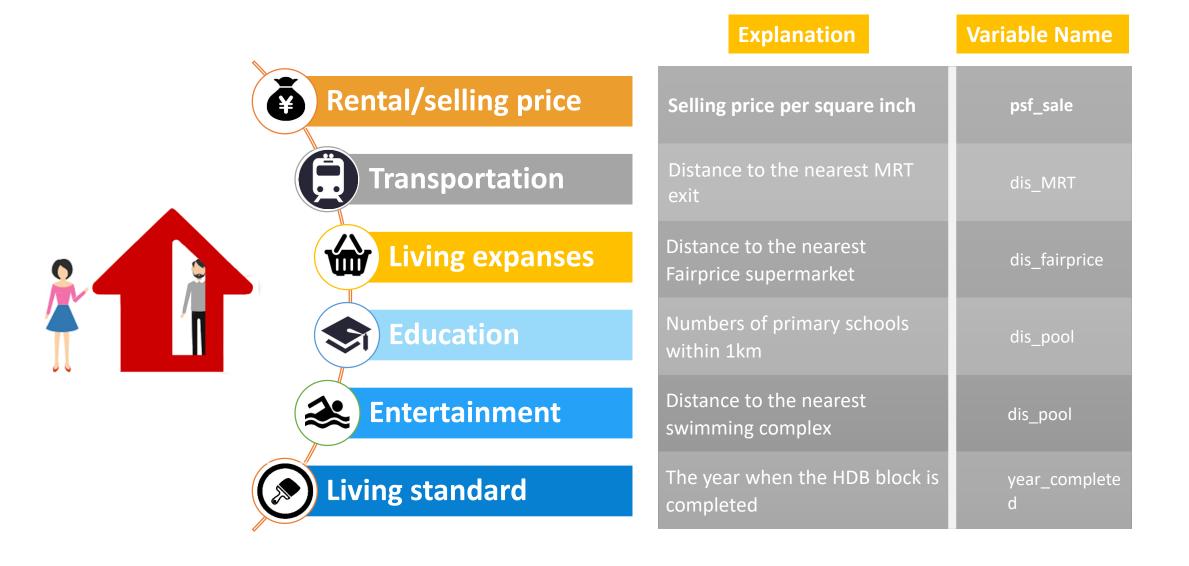




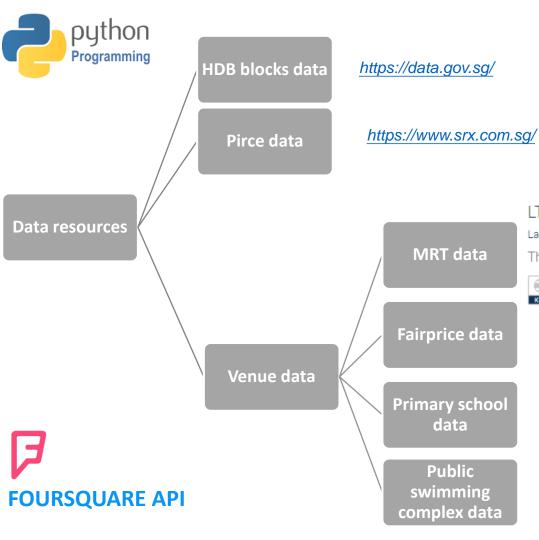




Key features of property



Where we get the data?



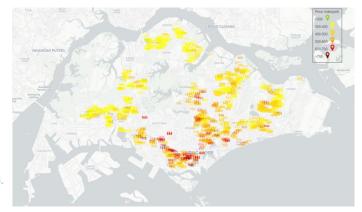
HDB Property Information

Housing and Development Board / 04 Apr 2019

HDB property information contains the location of existing HDB blocks, highest floor level, year of completion, type of building and number of HDB flats (breakdown by flat type) per block etc.







LTA MRT Station Exit

Land Transport Authority / 07 Nov 2018

The layer contains the locations of MRT station exits.





https://www.fairprice.com.sg/.

PRIMARY SCHOOLS BY PLANNING AREA IN YEAR 2019



https://www.moe.gov.sq/admissions/primary-one-registration/informationon-primary-schools/listing-by-planning-area





https://www.myactivesg.com/Facilities/Swimming-Pools

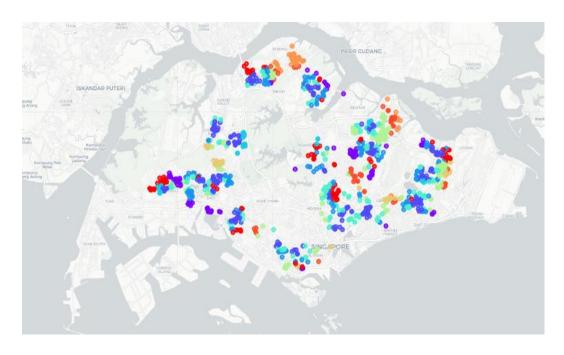
What we get from the data?

1. A dataset searching for preferred HDB blocks

df = p		pd ('hdb_after csv('hdb-pr										
df.hea	ad()											
year	r_completed	dis_MRT	prim_no	psf_sale	dis_fairprice	dis_pool	cluster_lable	blk_no	street	latitude	longitude	
0	2009	199,468223	1.0	1005.1875	220.887653	2301.414936	10	1A	CANTONMENT RD	1.277830	103.840953	
1	2014	628.886166	2.0	1075.0000	426.195557	1145.402321	5	10A	BOON TIONG RD	1.286793	103.833135	
2	1977	1031.568882	1.0	287.6250	1048.577178	919.340838	0	36	MARSILING DR	1.442024	103.775188	
3	1980	1031.568882	1.0	289.2000	1048.577178	919.340838	0	201	MARSILING DR	1.442024	103.775188	
4	1989	951.765621	5.0	290,2500	1283,229845	879.546854	0	812	JURONG WEST ST 81	1.346300	103.695902	
у	ear_complete				dis_fairprice		cluster_lable		street latit		gitude	
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An example of how to use HDB filter dataset

2. Categories based on clustering method



What will we do next?

• Create an app (by using python GUI package PyQT and the dataset we got)

Extend to condos' market



