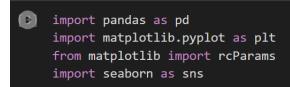
NAME-MUMMADI NRIPESH REDDY

Reg.no-21BCE2424

VIT Vellore

- 1. Download the dataset
- 2. Load the dataset

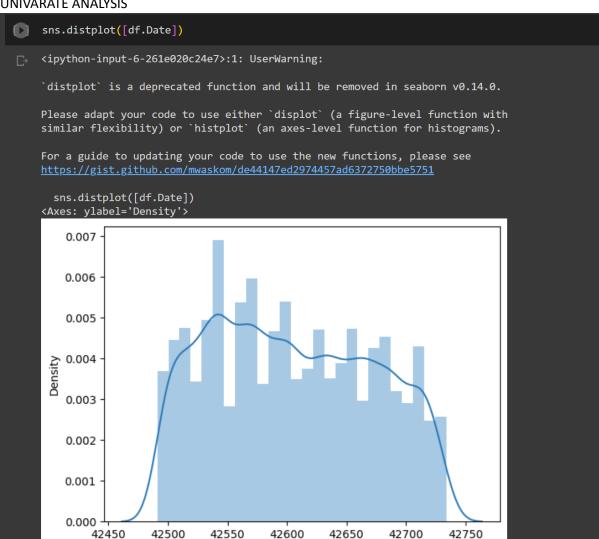


	<pre>df=pd.read_csv("/content/House Price India.csv") df.head()</pre>													
C•		id	Date	number of bedrooms	number of bathrooms	living area	lot area	number of floors	waterfront present	number of views	condition of the house	Built Year	Renovation Year	Postal Code
	0	6762810145	42491		2.50	3650	9050	2.0		4		1921		122003
	1	6762810635	42491	4	2.50	2920	4000	1.5				1909		122004
	2	6762810998	42491		2.75	2910	9480	1.5				1939		122004
	3	6762812605	42491	4	2.50	3310	42998	2.0				2001		122005
	4	6762812919	42491		2.00	2710	4500	1.5				1929		122006
	5 ro	ws × 23 colum	ns											
	4													

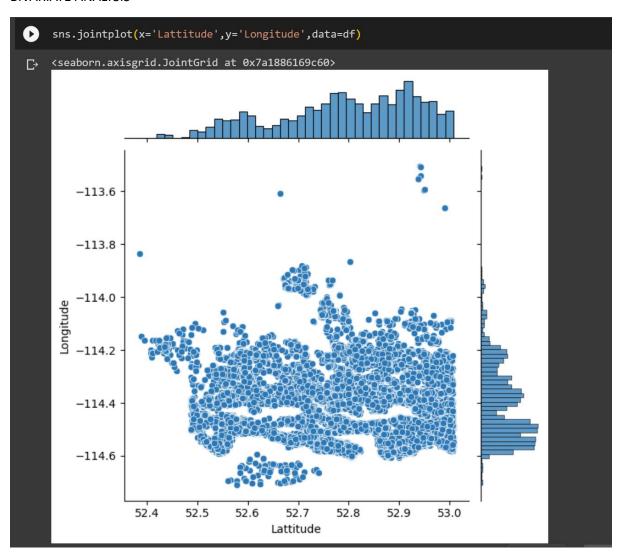
Lattitude	Longitude	living_area_renov	lot_area_renov	Number of schools nearby	Distance from the airport	Price	
52.8645	-114.557	2880	5400	2	58	2380000	
52.8878	-114.470	2470	4000	2	51	1400000	
52.8852	-114.468	2940	6600	1	53	1200000	
52.9532	-114.321	3350	42847	3	76	838000	
52.9047	-114.485	2060	4500	1	51	805000	
							•

1. Perform the Visualizations

UNIVARATE ANALYSIS



BIVARIATE ANALYSIS



MULTIVARIATE ANALYSIS



1. DESCRIPTIVE STATISTICS



Renovation Year	Postal Code	Lattitude	Longitude	living_area_renov	lot_area_renov	Number of schools nearby	Distance from the airport	Price	0
4620.000000	14620.000000	14620.000000	14620.000000	14620.000000	14620.000000	14620.000000	14620.000000	1.462000e+04	
90.924008	122033.062244	52.792848	-114.404007	1996.702257	12753.500068	2.012244	64.950958	5.389322e+05	
416.216661	19.082418	0.137522	0.141326	691.093366	26058.414467	0.817284	8.936008	3.675324e+05	
0.000000	122003.000000	52.385900	-114.709000	460.000000	651.000000	1.000000	50.000000	7.800000e+04	
0.000000	122017.000000	52.707600	-114.519000	1490.000000	5097.750000	1.000000	57.000000	3.200000e+05	
0.000000	122032.000000	52.806400	-114.421000	1850.000000	7620.000000	2.000000	65.000000	4.500000e+05	
0.000000	122048.000000	52.908900	-114.315000	2380.000000	10125.000000	3.000000	73.000000	6.450000e+05	
2015.000000	122072.000000	53.007600	-113.505000	6110.000000	560617.000000	3.000000	80.000000	7.700000e+06	

1. HANDLING MISSING VALUES



There are No Null Values for the given dataset