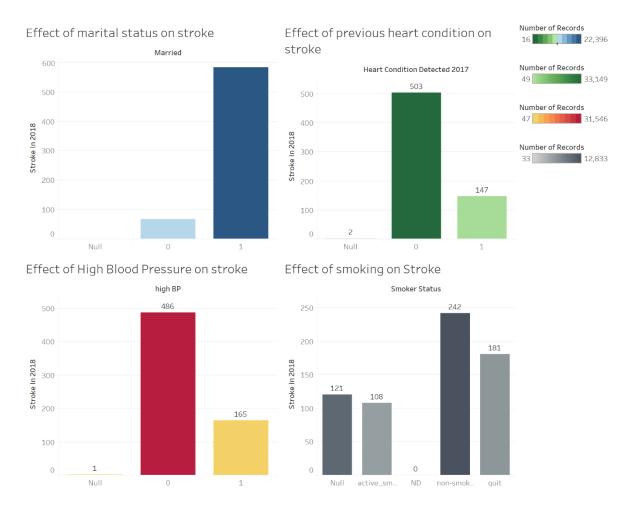
DATASOC Hackathon 2019

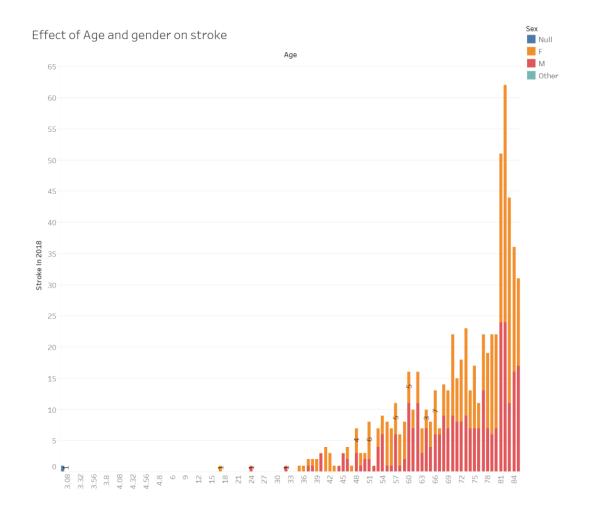
Report

The Following graphs represent the various trends observed from the data and have been used to prepare the data in a clean manner to predict if a person might get a stroke.



The graphs above and below represent the chances of getting a stroke with respect to the various parameters that can possibly affect the same.

We used a perceptron learning model to train and test the data which was cleaned.



Question 2:

Effect of 4 treatments on stroke

1	Treatment A	Treatment B	Treatment C	Treatment D									Nu	mber of Re	cords
1 Null 0 0 0 8 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	Null	Null	Null	Null								504			
1 Null 0 0 8 1 0 1 0 0 1 1 0 1 1 1 1 1 1 1 1 1	0	0	0	0		47							1		33,19
1 0 0 1 5 1 5 1 0 1 0 1 0 1 0 1 0 1 0 1				1		59									
1 0 0 1 5 1 5 1 1 0 1 1 1 1 1 1 1 1 1 1			1	Null	0										
1 0 0 5 1 5 1 0 10 10 1 0 1 1 0 1 1				0	8										
1 5 1 0 10 10 1 1 1 1 1				1	0										
1 0 10 10 10 1 10 1 10 1 1 1 1 1 1 1 1		1	0	0	5										
1 0 0 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1	5										
1 0 0 0 3 3 1 5 1 1 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1			1	0	10										
1 5 1 0 0 1 1 1 1 1 1 1				1	0										
1 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	0	0	0	3										
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1	5										
1 0 0 0 1 3 1 3 1 0 2			1	0	0										
1 3 1 0 2				1	1										
1 0 2		1	0	0	0										
				1	3										
1 0			1	0	2										
				1	0										
								S	troke Ir	2018					

Sum of Stroke In 2018 for each Treatment D broken down by Treatment A, Treatment B and Treatment C. Colour shows sum of Number of Records.