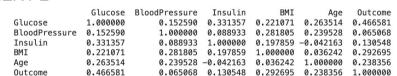
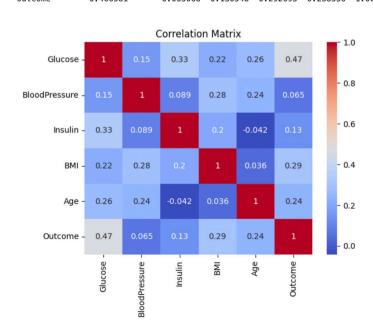
		Glucose	BloodPressure	Insulin	BMI	Age	Outcome
EXPERIMENT 1	0	124	80	130	33.2	26	0
	1	97	76	0	35.6	52	1
	2	156	86	0	24.8	53	1
	3	123	62	0	32.0	35	1
	4	150	76	0	21.0	37	0
	5	181	84	192	35.9	51	1
	6	130	70	0	34.2	45	1
	7	118	72	0	23.1	46	0
	8	158	90	0	31.6	66	1
	9	155	74	96	26.6	27	1

EXPERIMENT 2





REPORT: -

On, a general note, I am not able to find any negative co-relations (except one). This signifies that any pair of variables I take, they are positively co-related to each other which gives a feeling that linear regression can do well on this problem.

But, the +ve co-relations are not too strong as well. (i.e. co-relation values in range (0.5, 1) are null.

Glucose seems to be the most co-related parameter with the outcome and BP is least co-related. Co-relation value of BP and outcome is ~ 0.065 which is very close to zero and suggests that they are near to independent. From this we can make an inference that weight associated with Bp should be small and weight associated to Glucose should be significant.

Accuracy achieved after running closed form on training data = 77.85016286644951
Accuracy achieved after running closed form on test data = 72.07792207792207

EXPERIMENT 3

