

1.

(a)

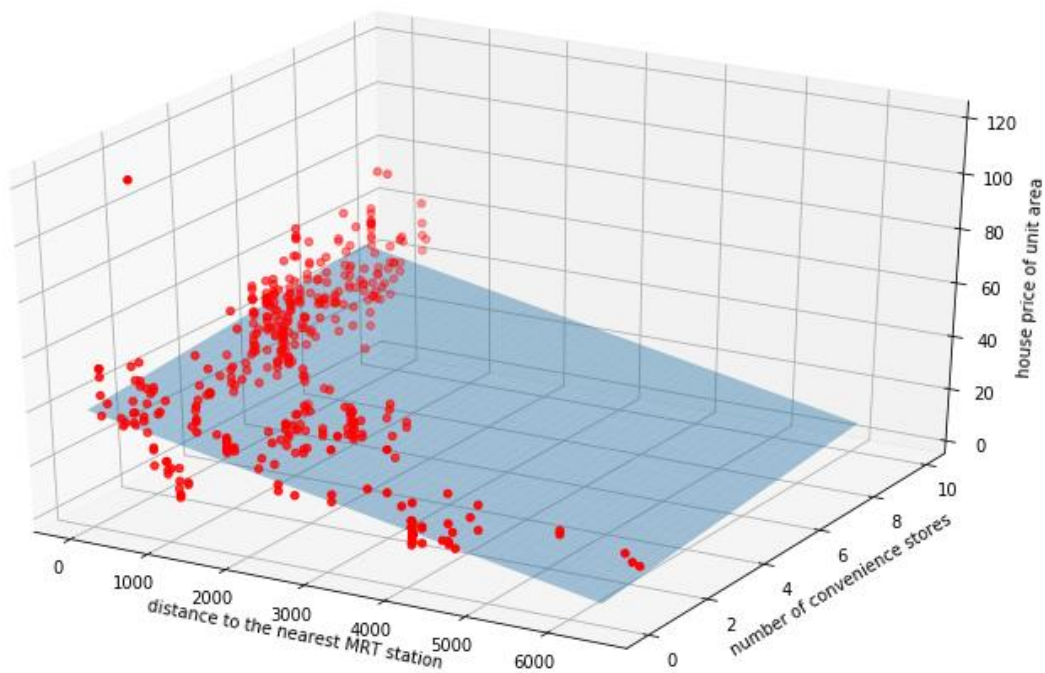
	Coefficient	Std.Error	t-statistic	p-value
(intercept)	-4945.59	6211.16	-0.79624	0.426353
X1	-0.268917	0.038996	-6.89607	2.04E-11
X2	-0.0042591	0.000723	-5.88814	8.17E-09
X3	1.16302	0.190221	6.11406	2.27E-09
X4	237.767	44.948	5.28983	2.00E-07
X5	-7.80546	49.1489	-0.15881	0.873895

(b)

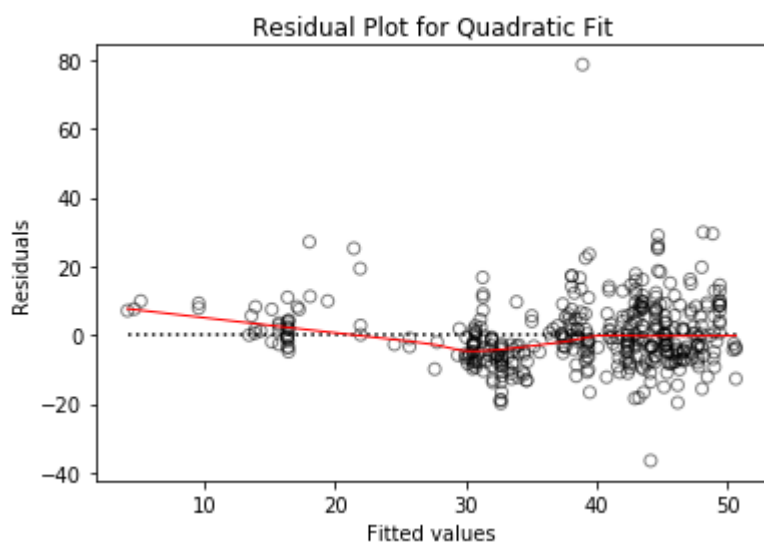
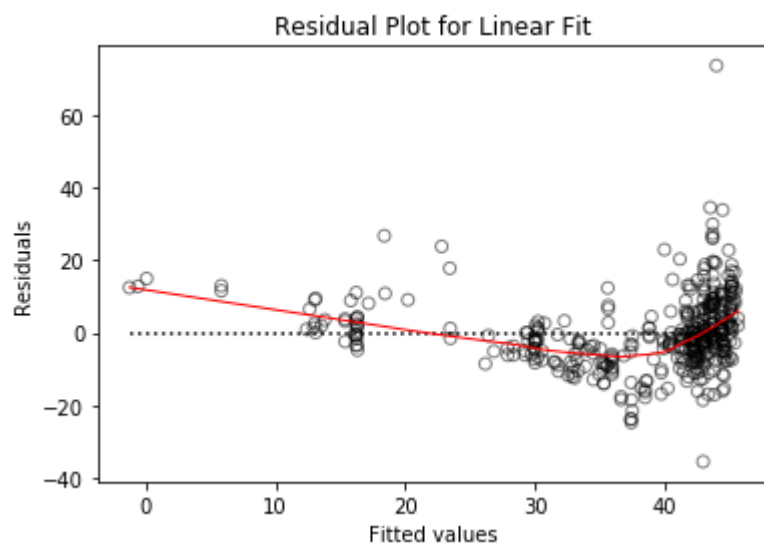
	Coefficient	Std.Error	t-statistic	p-value
(intercept)	39.1229	1.29951	30.106	0
X2	-0.005578	0.000473	-11.7989	0
X3	1.1976	0.202566	5.91213	7.11E-09

	$R^2$	RSE
(a)	0.57116171	8.964741
(b)	0.49656835	9.677661

(c)



(d)



2.

(a) Confusion Matrix:

橫軸為真實的 ,縱軸為估計的

	1	2
1	107	3
2	13	117

(b) Confusion Matrix:

橫軸為真實的 ,縱軸為估計的

	1	2	3
1	100	11	7
2	10	81	38
3	10	28	75