



Predictive Modeling

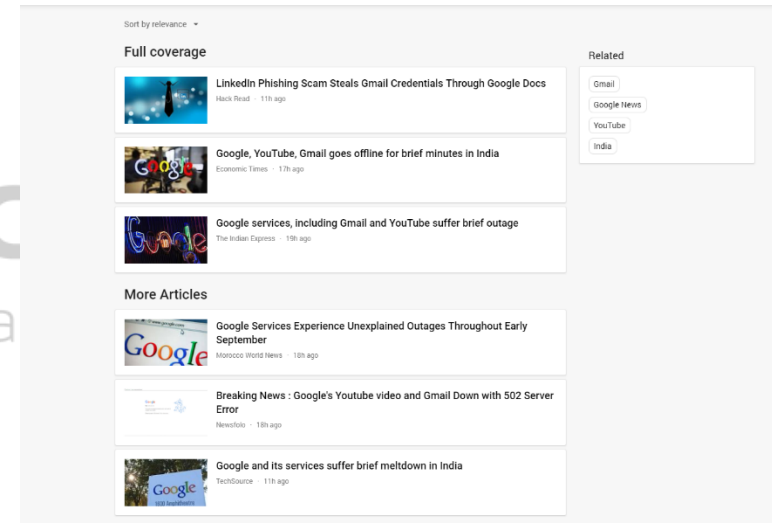
Types of Predictive Models

House Price Prediction



Supervised Learning

Google News Clustering



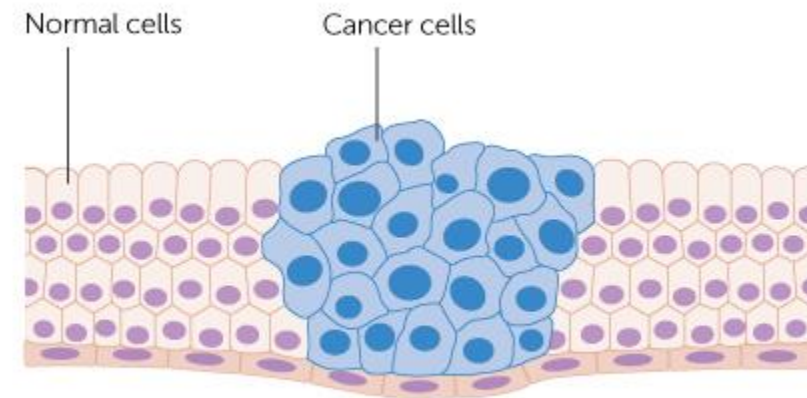
Un-Supervised Learning

Supervised Learning

House Price Prediction



Cancer Prediction



Cancer Research UK

Supervised Learning

House Price Prediction

rm	age	dis	rad	tax	ptratio	black	lstat	price(1000\$)
6.575	65.2	4.09	1	296	15.3	396.9	4.98	24
6.421	78.9	4.9671	2	242	17.8	396.9	9.14	21.6
6.998	45.8	6.0622	3	222	18.7	394.63	2.94	33.4
7.147	54.2	6.0622	3	222	18.7	396.9	5.33	36.2
6.012	66.6	5.5605	5	311	15.2	395.6	12.43	22.9
6.377	94.3	6.3467	5	311	15.2	392.52	20.45	15
6.009	82.9	6.2267	5	311	15.2	396.9	13.27	18.9
5.889	39	5.4509	5	311	15.2	390.5	15.71	21.7
5.949	61.8	4.7075	4	307	21	396.9	8.26	20.4
6.096	84.5	4.4619	4	307	21	380.02	10.26	18.2
5.834	56.5	4.4986	4	307	21	395.62	8.47	19.9
5.935	29.3	4.4986	4	307	21	386.85	6.58	23.1
5.456	36.6	3.7965	4	307	21	288.99	11.69	20.2
5.57	98.1	3.7979	4	307	21	376.57	21.02	13.6
5.965	89.2	4.0123	4	307	21	392.53	13.83	19.6
6.142	91.7	3.9769	4	307	21	396.9	18.72	15.2
5.813	100	4.0952	4	307	21	394.54	19.88	14.5
6.047	88.8	4.4534	4	307	21	306.38	17.28	14.8
5.713	94.1	4.233	4	307	21	360.17	22.6	12.7
6.072	100	4.175	4	307	21	376.73	13.04	14.5
6.096	96.9	3.7598	4	307	21	248.31	20.34	13.5

Regression

Cancer Prediction

concavity_worst	concave points_worst	symmetry_worst	fractal_dimension_worst	cancer_type
0.7119	0.2654	0.4601	0.1189	1
0.2416	0.186	0.275	0.08902	1
0.4504	0.243	0.3613	0.08758	1
0.6869	0.2575	0.6638	0.173	1
0.4	0.1625	0.2364	0.07678	0
0.5355	0.1741	0.3985	0.1244	1
0.3784	0.1932	0.3063	0.08368	1
0.2678	0.1556	0.3196	0.1151	1
0.539	0.206	0.4378	0.1072	0
1.105	0.221	0.4366	0.2075	1
0.1459	0.09975	0.2948	0.08452	1
0.3965	0.181	0.3792	0.1048	1
0.3639	0.1767	0.3176	0.1023	0
0.2322	0.1119	0.2809	0.06287	1
0.6943	0.2208	0.3596	0.1431	1
0.7026	0.1712	0.4218	0.1341	1
0.2914	0.1609	0.3029	0.08216	0
0.4784	0.2073	0.3706	0.1142	1

Classification

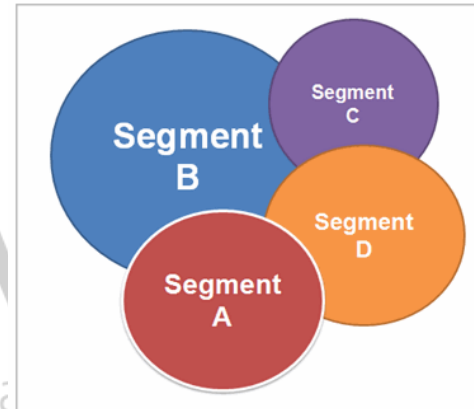
Un-Supervised Learning



Document Clustering



Analytics Vidhya
Learn everything about analytics



Market Segmentation

Clustering

