

Date:11/28/17

Task 1: Results

Group No.	Decision Tree				SVM				Neural Network			
	Precision	Recall	F1	AUC	Precision	Recall	F1	AUC	Precision	Recall	F1	AUC
1	0.65625	0.617647	0.636364	0.585294	1	0.264706	0.418605	0.7	0.9	0.529412	0.666667	0.732353
2	0.925926	0.925926	0.925926	0.945419	0.96	0.888889	0.923077	0.97271	0.952381	0.740741	0.833333	0.892788
3	0.846154	0.88	0.862745	0.888718	1	0.72	0.837209	0.869744	0.807692	0.84	0.823529	0.895385
4	0.8	0.965517	0.875	0.914286	0.952381	0.689655	0.8	0.944828	0.857143	0.62069	0.72	0.858128
5	0.647059	0.6875	0.666667	0.697266	0.740741	0.625	0.677966	0.786133	0.666667	0.75	0.705882	0.782227
6	0.966667	0.966667	0.966667	0.968627	1	0.9	0.947368	0.987255	1	0.833333	0.909091	0.978431
7	0.689655	0.625	0.655738	0.730957	1	0.5	0.666667	0.758789	0.85	0.53125	0.653846	0.773438
8	0.892857	0.78125	0.833333	0.845215	0.954545	0.65625	0.777778	0.888672	0.956522	0.6875	0.8	0.892578
9	0.735294	0.757576	0.746269	0.737048	0.875	0.424242	0.571429	0.856305	1	0.545455	0.705882	0.879765
10	0.703704	0.655172	0.678571	0.759113	0.607143	0.586207	0.596491	0.697537	0.62963	0.586207	0.607143	0.755665
11	0.823529	0.8	0.811594	0.848768	1	0.685714	0.813559	0.912315	0.911765	0.885714	0.898551	0.949754
12	0.764706	0.83871	0.8	0.815054	0.952381	0.645161	0.769231	0.753763	0.8	0.387097	0.521739	0.607527
13	0.576923	0.5	0.535714	0.513235	0.75	0.5	0.6	0.647549	0.846154	0.733333	0.785714	0.894608
14	0.818182	0.818182	0.818182	0.83089	1	0.666667	0.8	0.886608	0.814815	0.666667	0.733333	0.802542
15	0.878788	0.90625	0.892308	0.90918	0.954545	0.65625	0.777778	0.964844	0.9	0.84375	0.870968	0.943359
16	0.740741	0.526316	0.615385	0.637652	0.705882	0.315789	0.436364	0.624494	0.619048	0.342105	0.440678	0.484818
17	1	0.828571	0.90625	0.914286	1	0.714286	0.833333	0.901478	1	0.742857	0.852459	0.933005
18	0.783784	0.878788	0.828571	0.823069	1	0.727273	0.842105	0.936461	0.8	0.848485	0.823529	0.899316
19	0.714286	0.78125	0.746269	0.77002	0.896552	0.8125	0.852459	0.917969	0.794118	0.84375	0.818182	0.892578
20	0.933333	0.903226	0.918033	0.938508	1	0.741935	0.851852	0.967742	0.92	0.741935	0.821429	0.947581
21	0.833333	0.857143	0.84507	0.868473	0.933333	0.8	0.861538	0.889655	0.964286	0.771429	0.857143	0.923153
22	0.782609	0.580645	0.666667	0.818311	0.92	0.741935	0.821429	0.908918	0.888889	0.774194	0.827586	0.885199
23	0.96	0.75	0.842105	0.881836	1	0.6875	0.814815	0.938477	0.958333	0.71875	0.821429	0.932617
24	0.75	0.870968	0.80597	0.892962	0.931034	0.870968	0.9	0.904203	0.84375	0.870968	0.857143	0.893451
25	0.543478	0.862069	0.666667	0.710345	0.678571	0.655172	0.666667	0.780296	0.453125	1	0.623656	0.608867
26	0.8125	0.764706	0.787879	0.811765	0.952381	0.588235	0.727273	0.785294	0.684211	0.764706	0.722222	0.733333

Date:11/28/17

27	0.84	0.807692	0.823529	0.791209	0.947368	0.692308	0.8	0.942308	0.909091	0.769231	0.833333	0.825549
28	0.742857	0.83871	0.787879	0.816716	0.862069	0.806452	0.833333	0.886608	0.714286	0.806452	0.757576	0.831867
29	0.92	0.851852	0.884615	0.887888	1	0.814815	0.897959	0.987988	0.952381	0.740741	0.833333	0.837838
30	0.758621	0.709677	0.733333	0.762903	0.869565	0.645161	0.740741	0.795699	0.666667	0.645161	0.655738	0.774194
31	0.571429	0.347826	0.432432	0.485822	0.619048	0.565217	0.590909	0.672968	0.7	0.608696	0.651163	0.659735
32	0.8	0.888889	0.842105	0.798611	0.931034	0.75	0.830769	0.888889	0.928571	0.722222	0.8125	0.871032
33	0.896552	0.742857	0.8125	0.829557	1	0.6	0.75	0.940887	0.8	0.8	0.8	0.870936
Average	0.791188	0.77323	0.777283	0.800879	0.908896	0.664797	0.758446	0.857496	0.833016	0.717965	0.758933	0.831625

Date:11/28/17

Task 2: Results

Group No.	Decision Tree				SVM				Neural Network			
	Precision	Recall	F1	AUC	Precision	Recall	F1	AUC	Precision	Recall	F1	AUC
1	0.767442	0.825	0.795181	0.830625	0.927536	0.8	0.85906	0.951875	0.822222	0.925	0.870588	0.947031
2	0.743243	0.723684	0.733333	0.786011	0.893617	0.552632	0.682927	0.864266	0.75	0.631579	0.685714	0.832064
3	0.618182	0.85	0.715789	0.788438	0.77907	0.8375	0.807229	0.827734	0.636364	0.875	0.736842	0.828203
4	0.74026	0.7125	0.726115	0.755313	0.927273	0.6375	0.755556	0.850156	0.826087	0.7125	0.765101	0.830313
5	0.8875	0.8875	0.8875	0.933594	0.969697	0.8	0.876712	0.970313	0.911392	0.9	0.90566	0.977188
6	0.626667	0.5875	0.606452	0.673438	0.777778	0.4375	0.56	0.661094	0.689655	0.5	0.57971	0.698438
7	0.802469	0.8125	0.807453	0.867813	1	0.6625	0.796992	0.955	1	0.7375	0.848921	0.951875
8	0.654206	0.875	0.748663	0.764297	0.776316	0.7375	0.75641	0.798906	0.683673	0.8375	0.752809	0.840313
9	0.625	0.75	0.681818	0.687109	0.662651	0.6875	0.674847	0.758438	0.674157	0.75	0.710059	0.80125
10	0.684685	0.962025	0.8	0.749239	0.764045	0.860759	0.809524	0.842493	0.768421	0.924051	0.83908	0.91636
11	0.514085	0.9125	0.657658	0.473203	0.577586	0.8375	0.683673	0.771406	0.549618	0.9	0.682464	0.734219
12	0.561404	0.790123	0.65641	0.648453	0.60396	0.753086	0.67033	0.752782	0.586207	0.839506	0.690355	0.765585
13	0.757895	0.9	0.822857	0.823906	0.910256	0.8875	0.898734	0.964844	0.869048	0.9125	0.890244	0.955313
14	0.795181	0.825	0.809816	0.851094	0.850746	0.7125	0.77551	0.889063	0.863014	0.7875	0.823529	0.898281
15	0.568182	0.625	0.595238	0.604297	0.708333	0.6375	0.671053	0.700781	0.666667	0.625	0.645161	0.719688
16	0.663043	0.7625	0.709302	0.726719	0.77027	0.7125	0.74026	0.813281	0.77381	0.8125	0.792683	0.850313
17	0.649485	0.926471	0.763636	0.867539	0.935484	0.852941	0.892308	0.932093	0.935484	0.852941	0.892308	0.935121
18	0.670213	0.7875	0.724138	0.722109	0.7625	0.7625	0.7625	0.841875	0.764706	0.8125	0.787879	0.852813
19	0.778947	0.925	0.845714	0.915781	0.930556	0.8375	0.881579	0.961563	0.934211	0.8875	0.910256	0.959531
20	0.677419	0.828947	0.745562	0.728705	0.662651	0.723684	0.691824	0.784453	0.659341	0.789474	0.718563	0.786877
21	0.619048	0.45614	0.525253	0.599415	0.733333	0.192982	0.305556	0.524777	0.538462	0.245614	0.337349	0.532472
22	0.674157	0.75	0.710059	0.756563	0.830769	0.675	0.744828	0.842344	0.859375	0.6875	0.763889	0.840469
23	0.657658	0.9125	0.764398	0.777188	0.825	0.825	0.825	0.904844	0.742268	0.9	0.813559	0.906563
Average	0.68419	0.799452	0.731841	0.753515	0.807801	0.714069	0.744453	0.833234	0.761051	0.775898	0.758379	0.841751