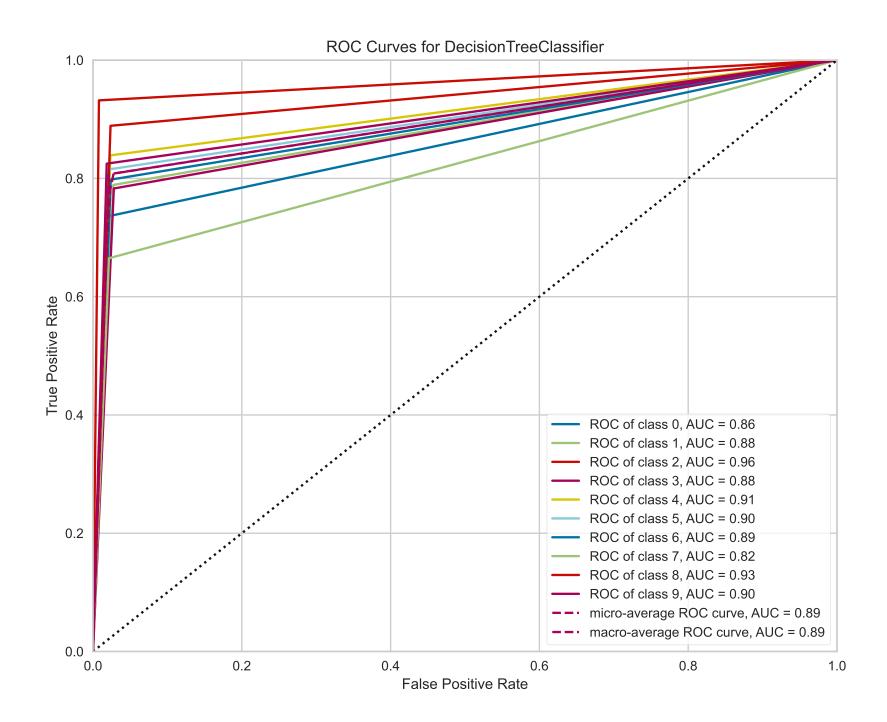
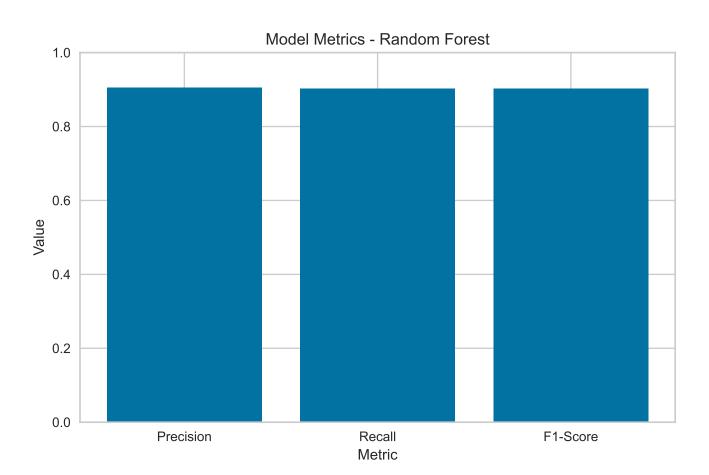


Decision Trees - Confusion Matrix

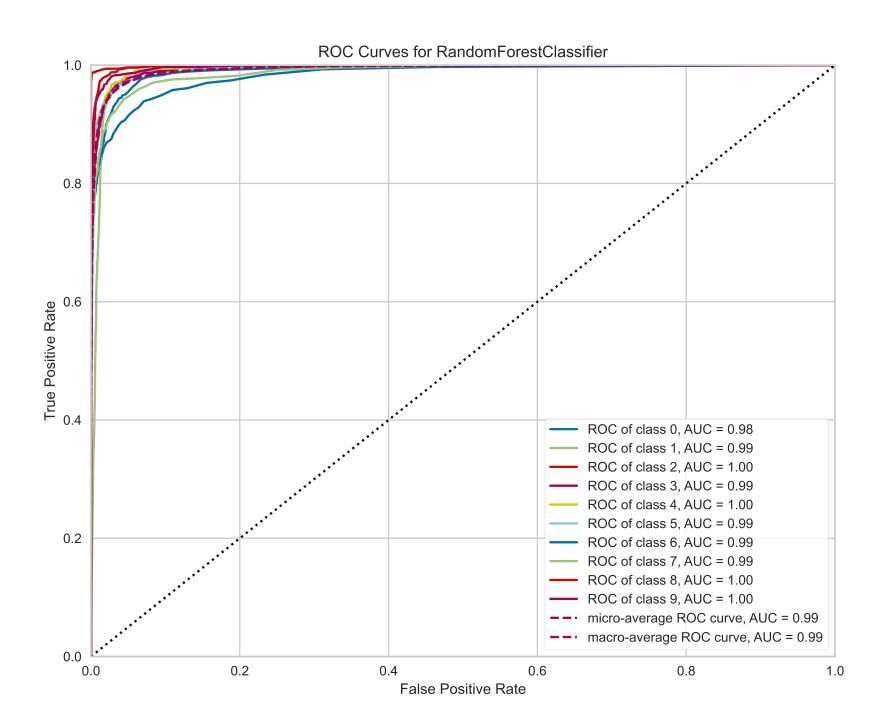
0	736	136	12	36	8	6	5	10	41	10		
~	86	789	9	33	13	12	7	8	28	15		800
2	4	3	932	13	0	27	8	8	4	1		
က	17	16	15	783	31	24	31	68	6	9		600
True Label 5 4	2	2	2	41	839	42	14	15	21	22		
True 5	11	7	7	24	89	815	5	10	22	10		400
9	7	8	5	42	20	31	798	64	9	16		
7	13	15	7	51	27	7	134	665	11	70		200
∞	27	22	11	8	5	19	4	2	889	13		
o	18	37	4	4	17	10	7	8	70	825		
	0	1	2	3	4 Predicte	5 ed Label	6	7	8	9		0

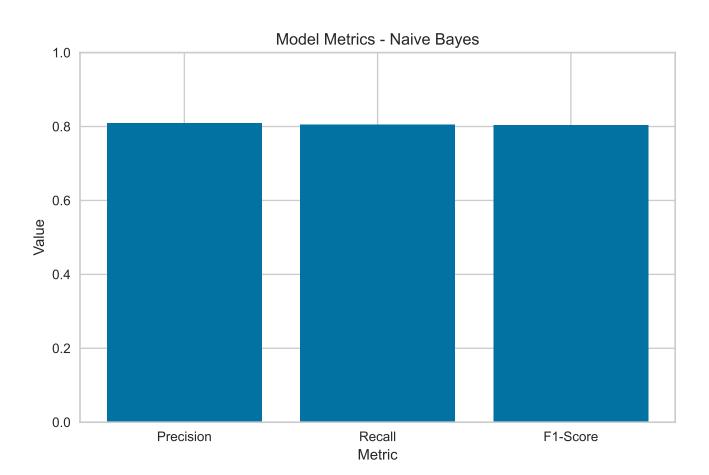




Random Forest - Confusion Matrix

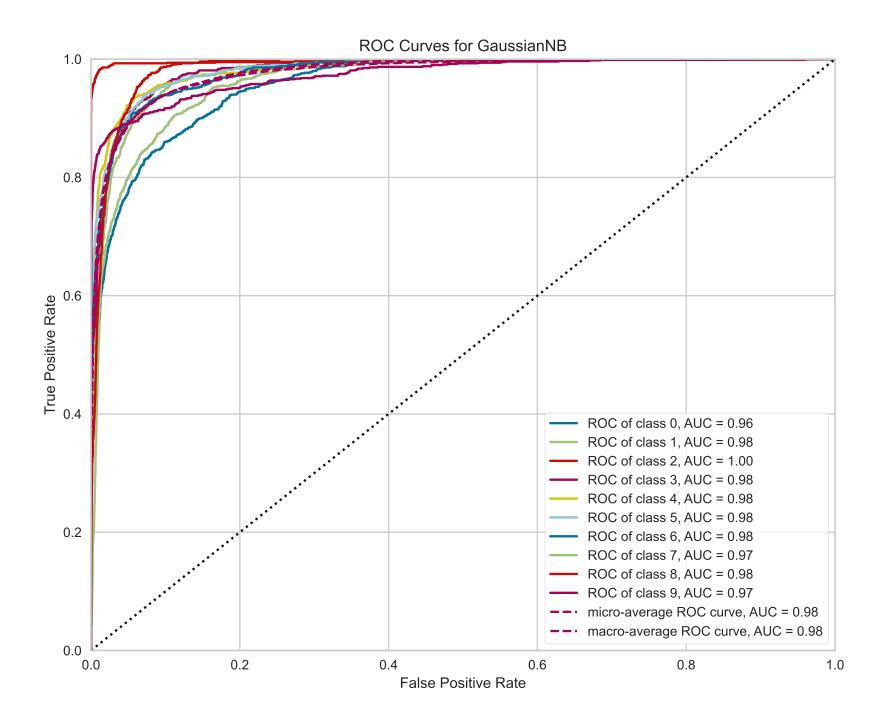
				tariaoiii	1 01000	Comacic	or water	`			_		
0	805	147	1	21	3	0	2	1	15	5			
-	15	935	1	20	8	2	0	0	11	8		8	00
7	4	1	981	4	0	6	1	0	3	0			
က	10	8	0	928	12	16	4	19	3	0		6	00
True Label 5 4	0	1	0	15	940	22	3	4	9	6			
True I 5	0	1	0	10	88	887	2	3	6	3		4	.00
9	3	4	1	29	20	18	896	12	1	16			
7	8	10	0	34	21	3	105	772	4	43		2	:00
∞	18	4	1	2	2	4	1	0	966	2		2	.00
တ	3	8	0	0	11	0	8	1	49	920			
	0	1	2	3	4 Predicte	5 ed Label	6	7	8	9		0	

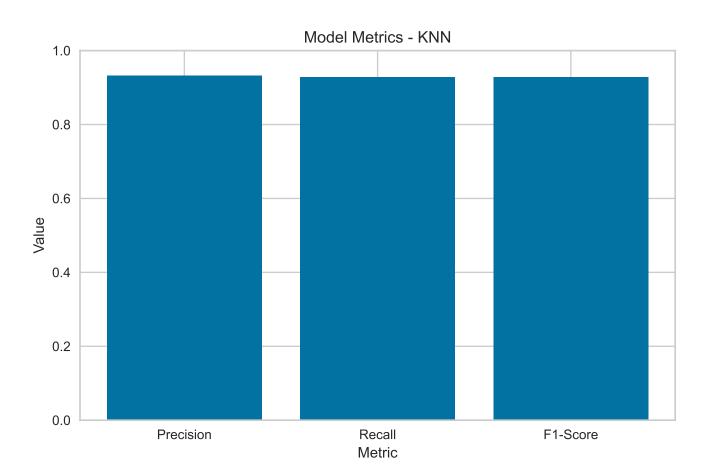




Naive Bayes - Confusion Matrix

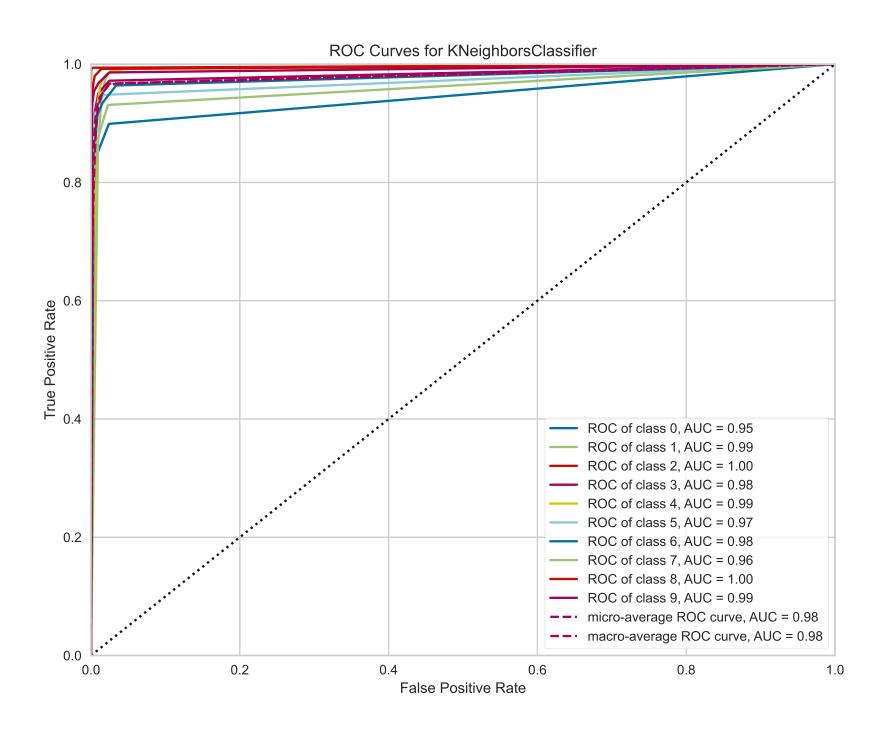
				TTGITO E	Jayoo C	2011140101	Tividanix				_	
0	629	230	18	45	11	0	2	12	47	6		
-	9	825	4	87	10	5	0	1	49	10		800
7	10	1	979	3	0	3	2	1	0	1		
က	16	10	2	814	35	16	17	90	0	0		600
True Label 5 4	2	0	0	19	885	30	4	26	26	8		
True 5	0	2	5	24	160	760	5	25	16	3		400
9	5	6	40	13	24	45	808	47	0	12		
7	11	9	8	46	31	2	181	694	4	14		200
∞	92	28	19	2	2	8	1	4	837	7		200
თ	8	7	2	1	22	0	8	14	112	826		0
	0	1	2	3	4 Predicte	5 ed Label	6	7	8	9		0

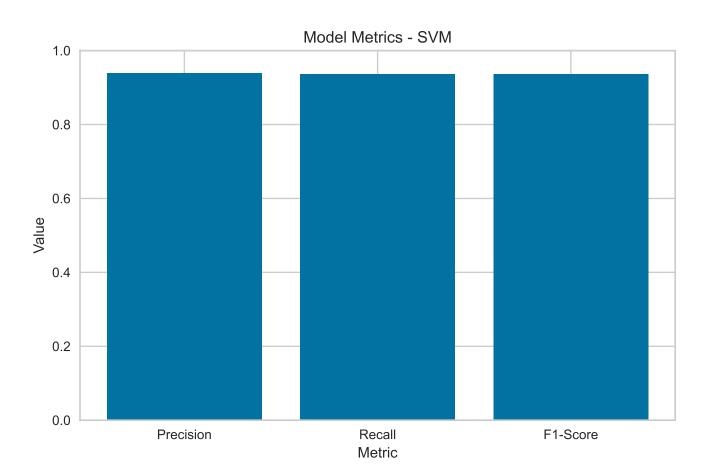




KNN - Confusion Matrix

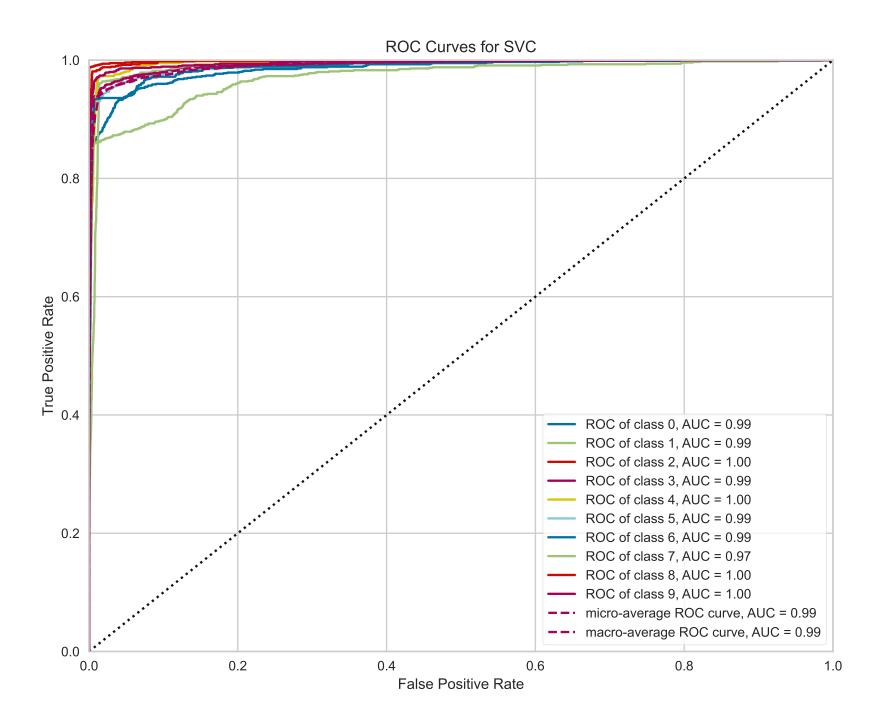
				1714	14 - 00111	usion ivie	att iX				_		
0	822	151	0	10	5	0	0	0	8	4			
~	6	979	0	3	5	0	0	0	5	2		8	800
2	2	1	992	1	0	2	2	0	0	0			
က	5	16	2	932	14	18	1	11	1	0		a	600
abel 4	0	1	0	5	982	5	1	1	1	4			500
True Label 5 4	0	0	0	6	82	907	2	0	2	1			400
9	3	2	0	11	25	8	918	21	0	12			+00
7	8	1	1	27	38	3	77	825	1	19			200
∞	16	4	1	0	3	2	0	0	971	3		2	200
0	4	7	0	0	10	2	8	3	12	954			_
	0	1	2	3	4 Predicte	5 ed Label	6	7	8	9		(0





SVM - Confusion Matrix

	SVIVI - COTTUSION IVIALITA												
0	856	113	0	13	3	0	0	3	8	4			
~	9	962	1	13	5	0	1	1	5	3		8	300
2	4	0	991	2	0	0	1	1	1	0			,,,,
က	5	5	2	934	17	19	4	14	0	0		e	600
True Label 5 4	1	0	0	8	975	5	2	0	4	5			,,,,
True 5	0	1	0	5	67	921	2	0	4	0			400
9	2	0	0	7	17	17	935	7	0	15			100
7	17	6	0	20	19	1	53	849	1	34			200
ω	8	3	1	0	2	1	1	0	981	3		2	200
თ	5	6	0	0	5	0	2	0	17	965			_
	0	1	2	3	4 Predicte	5 ed Label	6	7	8	9		()



Model Comparison - PCA 25 components

Model	Precision	Recall	F1-Score			
Decision Trees	0.8069570982970704	0.807099999999999	0.8061831949271294			
Random Forest	0.9060676277932951	0.902999999999999	0.9024170257473332			
Naive Bayes	0.809185060437845	0.8057000000000001	0.8043551195817551			
KNN	0.9318760683881508	0.9282	0.9279763599241999			
SVM	0.9386374160192525	0.9369	0.9366433969356389			