Correlations

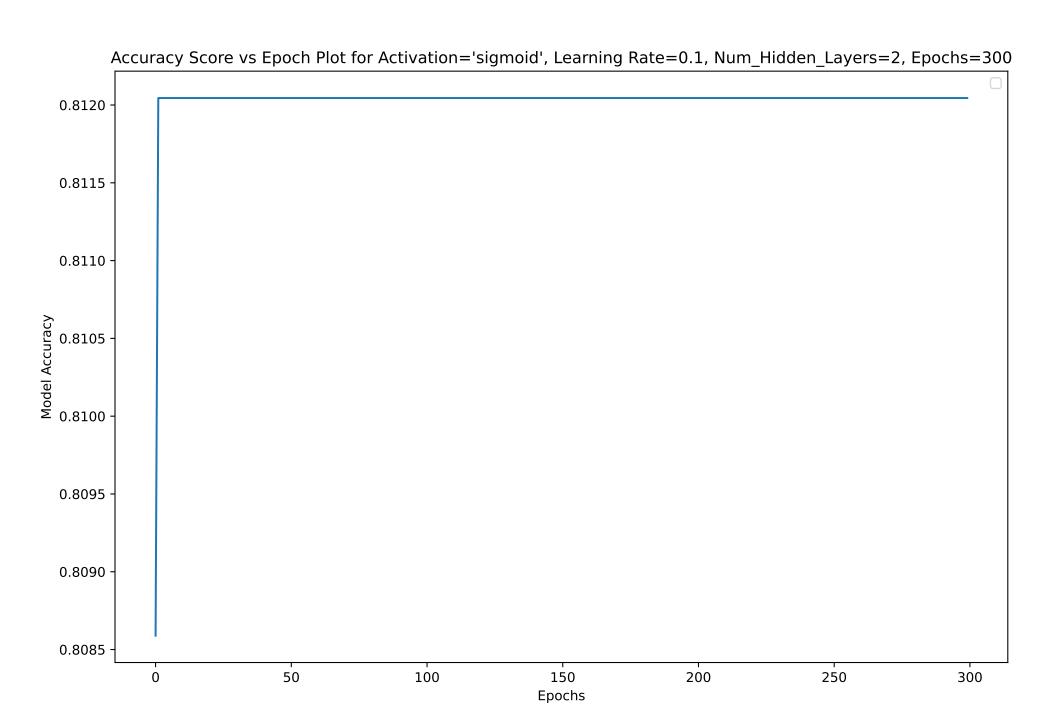
1.0

S1_Temp -	1	8.0	0.95	0.86	0.68	0.55	0.65	0.21	0.44	0.39	0.44	0.36	0.87	0.14	0.44	0.47	0.7		
S2_Temp -	0.8	1	0.77	0.7	0.64	0.65	0.61	0.37	0.44	0.41	0.43	0.38	0.74	0.2	0.48	0.47	0.67		
S3_Temp -	0.95	0.77	1	0.89	0.59	0.5	0.64	0.3	0.38	0.34	0.4	0.33	0.82	0.096	0.4	0.46	0.65		
S4_Temp -	0.86	0.7	0.89	1	0.58	0.46	0.59	0.39	0.36	0.31	0.34	0.29	0.65	0.11	0.34	0.34	0.53	_	8.0
S1_Light -	0.68	0.64	0.59	0.58	1	0.84	0.82	0.51	0.6	0.53	0.49	0.44	0.6	0.5	0.61	0.55	0.85		
S2_Light -	0.55	0.65	0.5	0.46	0.84	1	0.71	0.46	0.5	0.56	0.44	0.41	0.57	0.49	0.55	0.56	0.79		
S3_Light -	0.65	0.61	0.64	0.59	0.82	0.71	1	0.58	0.5	0.43	0.58	0.47	0.65	0.45	0.5	0.58	0.79		
S4_Light -	0.21	0.37	0.3	0.39	0.51	0.46	0.58	1	0.29	0.3	0.17	0.2	0.15	0.21	0.32	0.22	0.36		0.6
S1_Sound -	0.44	0.44	0.38	0.36	0.6	0.5	0.5	0.29	1	0.56	0.54	0.56	0.39	0.34	0.52	0.46	0.57		
S2_Sound -	0.39	0.41	0.34	0.31	0.53	0.56	0.43	0.3	0.56	1	0.53	0.58	0.33	0.36	0.49	0.51	0.56		
S3_Sound -	0.44	0.43	0.4	0.34	0.49	0.44	0.58	0.17	0.54	0.53	1	0.7	0.45	0.32	0.43	0.54	0.53		0.4
S4_Sound -	0.36	0.38	0.33	0.29	0.44	0.41	0.47	0.2	0.56	0.58	0.7	1	0.33	0.32	0.39	0.47	0.46		0.4
S5_CO2 -	0.87	0.74	0.82	0.65	0.6	0.57	0.65	0.15	0.39	0.33	0.45	0.33	1	0.069	0.4	0.47	0.66		
S5_CO2_Slope -	0.14	0.2	0.096	0.11	0.5	0.49	0.45	0.21	0.34	0.36	0.32	0.32	0.069	1	0.37	0.43	0.6		
S6_PIR -	0.44	0.48	0.4	0.34	0.61	0.55	0.5	0.32	0.52	0.49	0.43	0.39	0.4	0.37	1	0.57	0.63	_	0.2
S7_PIR -	0.47	0.47	0.46	0.34	0.55	0.56	0.58	0.22	0.46	0.51	0.54	0.47	0.47	0.43	0.57	1	0.7		
_Occupancy_Count -	0.7	0.67	0.65	0.53	0.85	0.79	0.79	0.36	0.57	0.56	0.53	0.46	0.66	0.6	0.63	0.7	1		
	S1_Temp -	S2_Temp -	S3_Temp -	S4_Temp -	S1_Light -	S2_Light -	S3_Light -	S4_Light -	S1_Sound -	S2_Sound -	- punoS_ES	S4_Sound -	- S5_C02 -	S5_CO2_Slope -	S6_PIR -	S7_PIR -	upancy_Count -		

Accuracy Score vs Epoch Plot for Activation='sigmoid', Learning Rate=0.01, Num_Hidden_Layers=2, Epochs=100 0.885 0.880 Model Accuracy 5280 5480 0.870 0.865 0.860 20 40 60 80 100 0

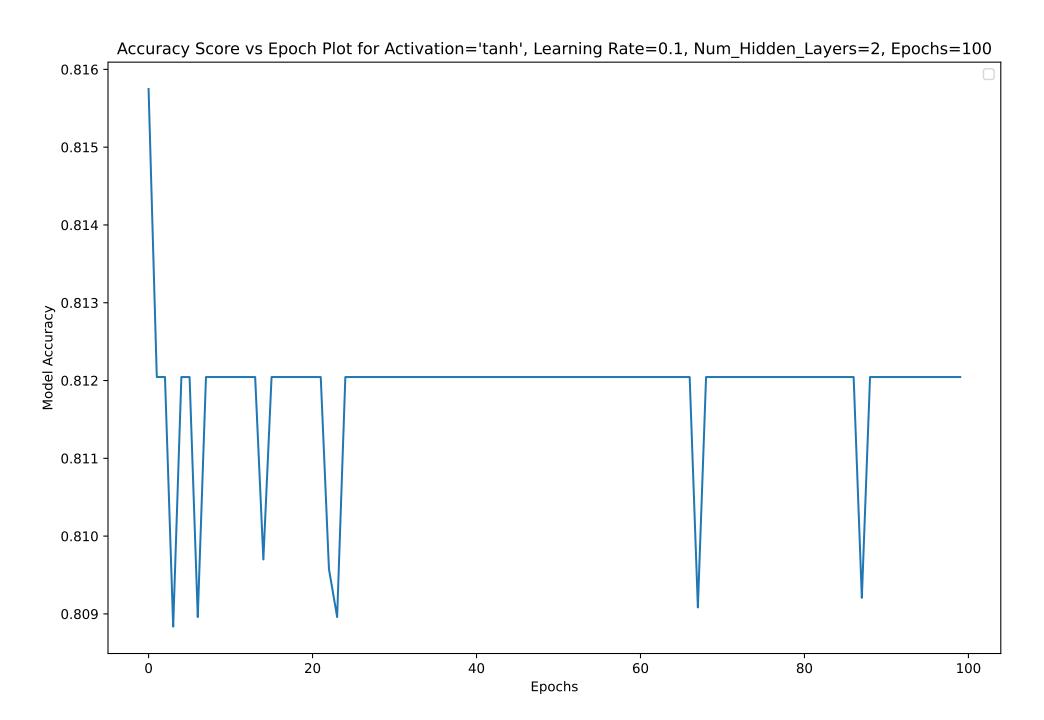
Accuracy Score vs Epoch Plot for Activation='sigmoid', Learning Rate=0.01, Num_Hidden_Layers=2, Epochs=300 0.88 0.87 Model Accuracy 0.86 0.85 0.84 50 100 150 200 250 0 300

Accuracy Score vs Epoch Plot for Activation='sigmoid', Learning Rate=0.1, Num_Hidden_Layers=2, Epochs=100 0.88 Model Accuracy 0.86 0.85 20 40 60 80 0 100



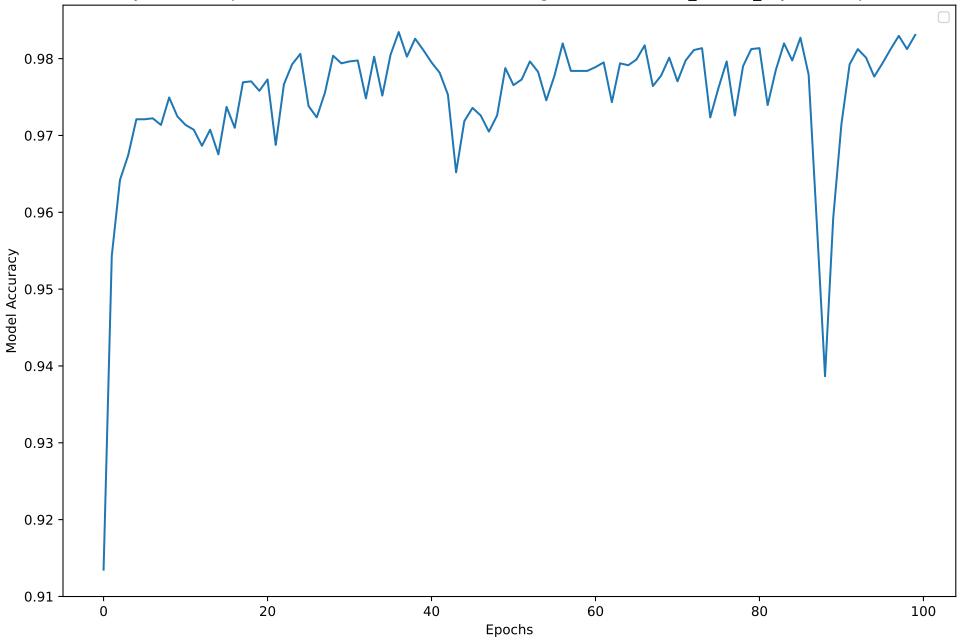
Accuracy Score vs Epoch Plot for Activation='tanh', Learning Rate=0.01, Num_Hidden_Layers=2, Epochs=100 0.905 0.900 0.895 0.890 Model Accuracy 0.880 0.875 0.870 0.865 20 40 60 80 100 0

Accuracy Score vs Epoch Plot for Activation='tanh', Learning Rate=0.01, Num_Hidden_Layers=2, Epochs=300 0.886 0.884 0.882 Model Accuracy 828.0 0.876 0.874 0.872 -50 100 200 250 150 300 0

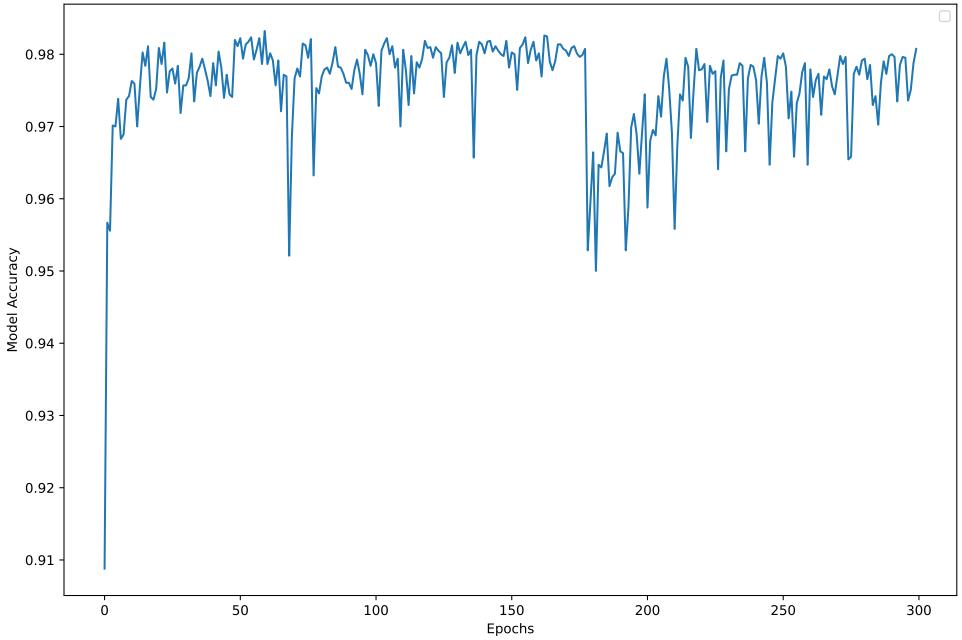


Accuracy Score vs Epoch Plot for Activation='tanh', Learning Rate=0.1, Num_Hidden_Layers=2, Epochs=300 0.812 0.810 Model Accuracy
0
8
8
8 0.806 0.804 50 100 250 150 200 0 300 Epochs

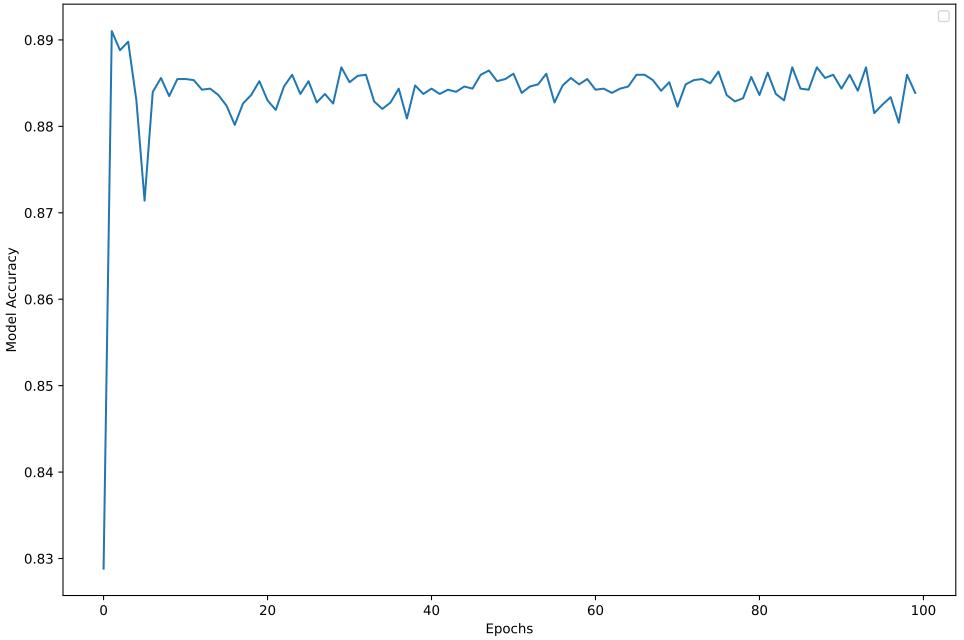
Accuracy Score vs Epoch Plot for Activation='relu', Learning Rate=0.01, Num_Hidden_Layers=2, Epochs=100



Accuracy Score vs Epoch Plot for Activation='relu', Learning Rate=0.01, Num_Hidden_Layers=2, Epochs=300



Accuracy Score vs Epoch Plot for Activation='relu', Learning Rate=0.1, Num_Hidden_Layers=2, Epochs=100



Accuracy Score vs Epoch Plot for Activation='relu', Learning Rate=0.1, Num_Hidden_Layers=2, Epochs=300

