

# Neural Networks

## Task 2 report

2021170416 مؤمن شريف صادق احمد

2021170553 مهاب اشرف كمال توفيق

2021170211 زياد طارق عبدالعزيز محمود

## MLP Results

index	Activation Function	Train Accuracy	Test Accuracy	LR	Epochs	layers	Hidden
1	sigmoid	95	97	0.01	1000	1	3
2	Tanh	100	97	0.1	100	1	5
3	sigmoid	50	55	0.001	5000	2	5,5

[1]

Actual \ Predicted		A	B	C
0		20	0	0
1		0	20	0
2		2	0	18

[2]

+-----+-----+-----+-----+				
Actual \ Predicted		A	B	C
+-----+-----+-----+-----+				
0		20	0	0
1		0	20	0
2		2	0	18
+-----+-----+-----+-----+				

[3]

+-----+-----+-----+-----+				
Actual \ Predicted		A	B	C
+-----+-----+-----+-----+				
0		0	17	3
1		0	15	5
2		0	9	11
+-----+-----+-----+-----+				