Hyperparameter	Default setting	Experiment1		Experi...
learning_rate	0.001	0.01	0.1	0.001
batch_size	32	32	32	16
epochs	10	10	10	10
dropout_rate	0.2	0.2	0.2	0.2
hidden_layer_size	64	64	64	64
Test Accuracy	0.976400018	0.957099974	0.395099998	0.974799991
Training Time	23.85433110001(	22.08665529999	22.01153550005	48.44654840009

Hyperparameter	Default Setting	Experiment6		Experi...
learning_rate	0.001	0.01	0.1	0.001
batch_size	32	32	32	128
epochs	10	20	40	10
dropout_rate	0.2	0.2	0.2	0.2
hidden_layer_size	64	64	64	256
Test Accuracy	0.976400018	0.957099974	0.499300003	0.980000019
Training Time	23.85433110001(	35.0569537002	57.66288029996	7.980868

Hyperparameter	Default Setting	Experiment10		Experi...
learning_rate	0.001	0.00001	0.00001	0.001
batch_size	32	32	32	32
epochs	10	10	100	10
dropout_rate	0.2	0.2	0.2	0
hidden_layer_size	64	64	64	64
Test Accuracy	0.976400018	0.900399983	0.951099992	0.974900007
Training Time	23.85433110001(	15.1367163	143.4568245	14.7178486

ment2 | Experiment3 | Experiment4 | Experim

ment2	Experiment3		Experiment4			Experim
0.001	0.001	0.001	0.001	0.001	0.001	0.001
64	32	32	32	32	32	32
10	5	20	10	10	10	10
0.2	0.2	0.2	0.4	0.8	0.95	0.2
64	64	64	64	64	64	16
0.973999977	0.968400002	0.976199985	0.9713	0.93730003	0.8791	0.974900007
16.07595600001!	11.93214610009/	44.134347399	16.261028	15.96831090(	15.771401	16.016044100

ment7 | Experiment8 | Experiment9

ment7	Experiment8		Experiment9
0.001	0.001	0.001	0.001
256	32	1024	4096
10	2	2	20
0.2	0.2	0.2	0.2
512	64	64	4096
0.980099976	0.959200025	0.912899971	0.980000002
8.2417537	3.5206199	0.9924654	47.2603804

nent11

nent11
0.001
32
10
0
4096
0.985000014
278.3101474

ent5
0.001
32
10
0.2
128
0.9772
20.343311400036328 seconds