

לימדת מכונה

תרגיל 2

שדא חביבאללה - 212260814

- מספר נירונים בשכבות:

שכבה 1: 14

שכבה 2: 08

שכבה 3: 26

שכבה 4: 12

ניסוי	Batch size	epoch	Layer 1	Layer 2	Layer 3	Layer 4	תוצאה
1	32	15	Relu, Dropout(0.3), BatchNormalization	Relu, Dropout(0.3), BatchNormalization	Relu, Dropout(0.3), BatchNormalization	Relu, Dropout(0.3), BatchNormalization	0.799
2	32	15	Relu, Dropout(0.1), BatchNormalization	Relu, Dropout(0.1), BatchNormalization	Relu, Dropout(0.1), BatchNormalization	Relu, Dropout(0.1), BatchNormalization	0.926
3	32	15	Relu, BatchNormalization	Relu, BatchNormalization	Relu, BatchNormalization	Relu, BatchNormalization	0.948

0.935	Relu, Dropout(0.1), BatchNormalization	Relu, BatchNormalization	Relu, Dropout(0.1), BatchNormalization	Relu, BatchNormalization	15	32	4
0.927	Relu, Dropout(0.1), BatchNormalization	Relu, BatchNormalization	Relu, Dropout(0.1), BatchNormalization	Relu, BatchNormalization	15	64	5
0.952	Relu, BatchNormalization	Relu, BatchNormalization	Relu, BatchNormalization	Relu, BatchNormalization	15	64	6
0.952	elu, BatchNormalization	elu, BatchNormalization	elu, BatchNormalization	elu, BatchNormalization	15	64	7
0.927	elu, Dropout(0.1), BatchNormalization	elu, BatchNormalization	elu, Dropout(0.1), BatchNormalization	elu, BatchNormalization	15	64	8
0.950	elu, Dropout(0.1), BatchNormalization	elu, BatchNormalization	elu, Dropout(0.1), BatchNormalization	elu, BatchNormalization	15	64	9
0.944	elu, Dropout(0.1)	elu, BatchNormalization	elu, Dropout(0.1)	elu, BatchNormalization	15	64	10
0.927	elu, Dropout(0.1), BatchNormalization	elu, BatchNormalization	elu, Dropout(0.1), BatchNormalization	elu, BatchNormalization	15	64	11
0.943	tanh, Dropout(0.1), BatchNormalization	tanh, BatchNormalization	tanh, Dropout(0.1), BatchNormalization	tanh, BatchNormalization	15	64	12

0.944	elu, BatchNormalization	elu, Dropout(0.1)	elu, BatchNormalization	elu, Dropout(0.1)	15	64	13
0.950	elu, BatchNormalization	elu, Dropout(0.1), BatchNormalization	elu, BatchNormalization	elu, Dropout(0.1), BatchNormalization	15	64	14
0.941	elu, BatchNormalization	elu, Dropout(0.1), BatchNormalization	elu, BatchNormalization	elu, Dropout(0.2), BatchNormalization	15	64	15