

### Privation (Anniversion) (Anniversion)	Model: "sequential Layer (type) conv2d_4 (Conv2D) activation_6 (Acti conv2d_5 (Conv2D) activation_7 (Acti max_pooling2d_2 (Max_pooling2d_2)	Outpu (None (None (vation) (None (vation) (None AxPooling2 (None	at Shape 2, 32, 32, 32, 32, 30, 30, 2, 30, 30, 2, 15, 15, 2, 15, 15,	32) 32) 32)	Param 896 0 9248 0	#		
Composition	conv2d_7 (Conv2D) activation_9 (Acti	(None	e, 15, 15, e, 13, 13, e, 13, 13, e, 6, 6, 6	64) 64) 64)	0 36928 0 0 0			
now() odel_2.fit(x_train, y_train, batch_size_batch_size, epochs=10, validation_dsta=(x_test, y_test), shuffle=True) rint('Training_time: %s' % (now() - t)) poch 1/10	dropout_5 (Dropout dense_11 (Dense) activation_11 (Act ====================================	(None	e, 512) e, 10) e, 10) -r=0.0005) -rop -crossentr		0 5130 0			
## Second ## Sec	t = now() model_2.fit(x_trai batc epoc vali shuf print('Training ti Epoch 1/10 1563/1563 [====== oss: 1.2191 - val_ Epoch 2/10 1563/1563 [======= oss: 1.1232 - val_ Epoch 3/10 1563/1563 [=======	in, y_train, ch_size=batch_siz chs=10, idation_data=(x_t ffle=True) ime: %s' % (now() accuracy: 0.5587 accuracy: 0.6035	ze, test, y_te - t)) =====]	- 121s - 121s	77ms/step	- loss: 1.1820	6 - accuracy:	0.5803 -
ss: 0.8685 - val_accuracy: 0.7352 poch 9/10 663/1563 [====================================	Epoch 4/10 1563/1563 [======= oss: 0.8868 - val_ Epoch 5/10 1563/1563 [====== oss: 0.8810 - val_ Epoch 6/10 1563/1563 [======= oss: 0.8932 - val_ Epoch 7/10 1563/1563 [======= oss: 0.8127 - val_ Epoch 8/10	_accuracy: 0.7032 _accuracy: 0.6986 _accuracy: 0.7008 _accuracy: 0.7008	======] ; ; ======] ; ======]	- 121s - 121s - 122s	78ms/step · 78ms/step ·	- loss: 0.8552 - loss: 0.8237 - loss: 0.8139	2 - accuracy: 7 - accuracy: 9 - accuracy:	0.7069 - 0.7176 - 0.7250 -
est accuracy: 0.73089998960495 Conclusion this course, we learn different deep learning architecture. They are suitable for different task. Convolutional Neural network is v	oss: 0.8685 - val_ Epoch 9/10 1563/1563 [======= oss: 0.8039 - val_ Epoch 10/10 1563/1563 [======= oss: 0.9243 - val_ Training time: 0:2 score = model_2.ev print('Test score:	_accuracy: 0.7352	? :=====] : :=====]	- 123s - 122s	79ms/step · 78ms/step ·	- loss: 0.8285	5 - accuracy:	0.7278 -
	Test score: 0.9243 Test accuracy: 0.7 4. Conclusion In this course, we learn of	3311285972595 73089998960495 different deep learning						