



Contents

neural networks?

1m 13s video



TensorFlow Hub

2m 24s video



What is transfer learning?

1m 38s video



Transfer learning with TensorFlow Hub

5m 20s video



TensorFlow Hub for CIFAR-10

2m 39s video



Chapter Quiz

6 questions

3. Monitoring the Training Process

Monitoring the training process

52s video

Using ModelCheckpoint

4m 17s video

Working with EarlyStopping

46s video

Using TensorBoard

4m 38s video

Chapter Quiz



```
{x}
random.seed(1)
train_idx = list(range(len(train_labels)))
sampler = random.sample(train_idx, 16)

plt.figure(figsize=(10, 10))

for i in range(len(sampler)):
    plt.subplot(4,4,i+1)
    plt.xticks([])
    plt.yticks([])
    plt.grid(False)
    plt.imshow(train_images[sampler[i]], cmap=plt.cm.binary)
    plt.xlabel(class_names[train_labels[sampler[i]]])
plt.show()
```

- [Jonathan] TensorFlow is one of the most popular



0:00 / 0:36

1x



Overview



Q&A



Notebook



1

INSTRUCTOR



Jonathan Fernandes
Expert in Generative AI
and Large Language
Models

+ Follow on
LinkedIn

RELATED TO THIS COURSE

Exercise Files · [Show all](#)Certificates · [Show all](#)

Certifying Organizations ·
[Show more](#)

Exam · [Take exam](#)

Course details

40m · Intermediate · Released: 2/1/2022

4.6 ★★★★★ (85)

TensorFlow 2.0 is quickly becoming one of the most popular deep learning frameworks and a must-have skill in your artificial