Practical introduction to TensorFlow2.0

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Building an image classifier

1. Importing and preprocessing data
2. Building an image classifier model using tf.keras
3. Using pre-trained model
4. Serving model in production

1. Importing and preprocessing data

We'll understand the following

1. Checking out available datasets and their features
2. Downloading the dataset (tfds.load()))
3. Pre-processing the dataset
4. Visualizing the dataset

ANY QUESTIONS?
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2. Building an image classifier model using tf.keras

We'll understand the following

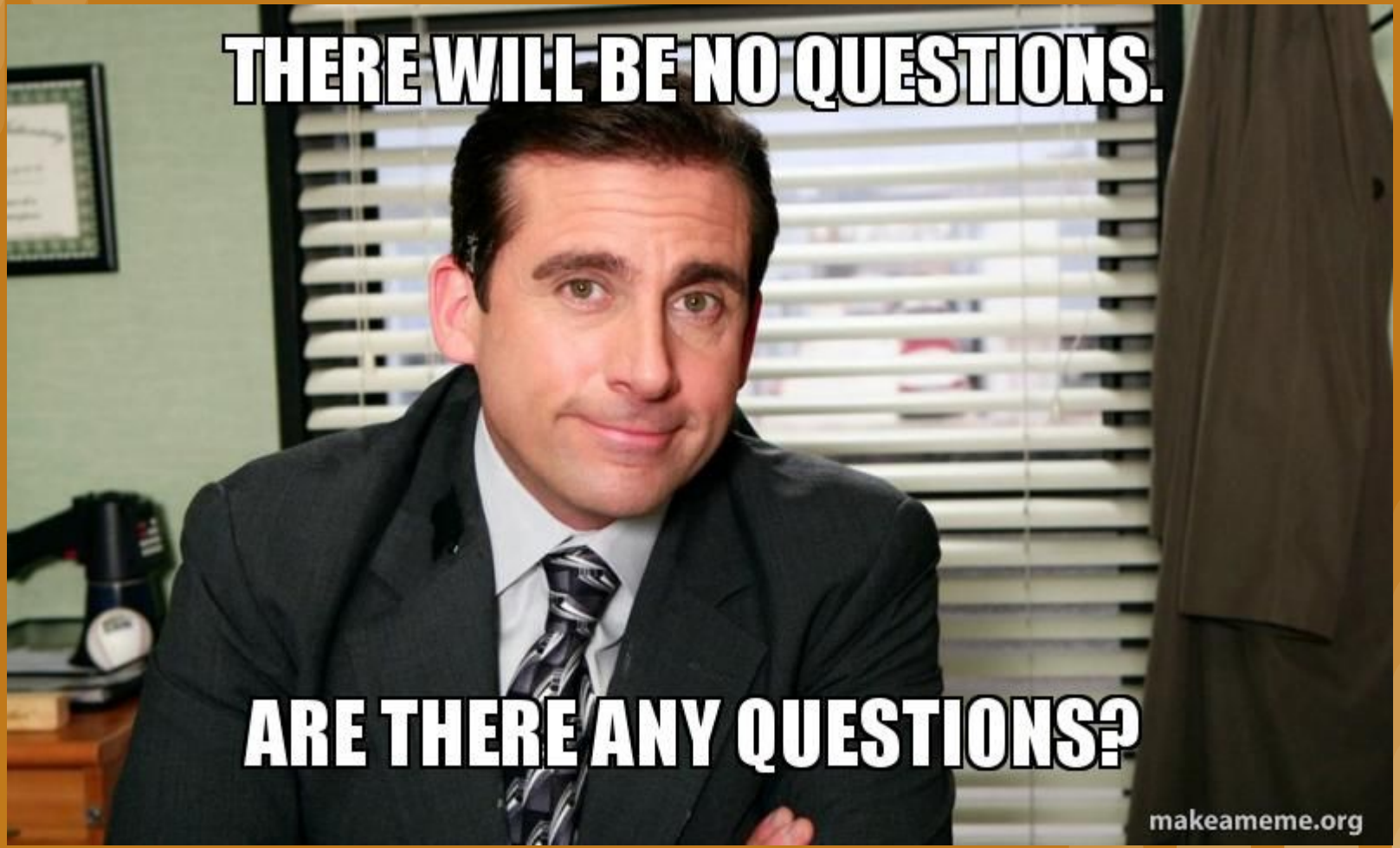
1. Building a simple CNN in Keras
2. Visualising the model
3. Compiling and training the model
4. Training the model using data augmentation
5. Using TensorBoard inside notebooks

DO YOU HAVE ANY
QUESTIONS?
memegenerator.net

3. Using pre-trained model

We'll understand the following

1. Downloading pre-trained model
2. Adding classification head
3. Training the classification head
4. Fine tuning the model


THERE WILL BE NO QUESTIONS.
ARE THERE ANY QUESTIONS?
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4. Serving model in production

We'll understand the following

1. Tensorflow Serving installation
2. Starting TensorFlow Serving
3. Making REST requests
4. Parsing the response

ANY QUESTIONS ??
IF NO, JUST CLAP

Thank You!

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