

TEKLRN

TENSORFLOW LEVEL 15

1. Convolutional Neural Network (CNN)
2. Import TensorFlow
3. Download and prepare the CIFAR10 dataset
4. Verify the data
5. Create the convolutional base
6. Add Dense layers on top
7. Compile and train the model
8. Evaluate the model
9. Image classification
10. Import TensorFlow and other libraries
11. Download and explore the dataset
12. Load using keras.preprocessing
 - Create a dataset
 - Visualize the data
 - Configure the dataset for performance
 - Standardize the data
13. Create the model
14. Compile the model
15. Model summary
16. Train the model
17. Visualize training results
18. Overfitting
19. Data augmentation
20. Dropout

21. Compile and train the model

22. Visualize training results

23. Predict on new data