

1. **Customization basics: tensors and operations**
 - **Import Tensorflow**
 - **Tensors**
2. **NumPy Compatibility**
3. **GPU acceleration**
4. **Device Names**
5. **Datasets**
 - **Create a source Dataset**
6. **Apply transformations**
 - **Iterate**
7. **Custom layers**
8. **Layers: common sets of useful operations**
9. **TensorFlow programming**
10. **Download the dataset**
 - **Inspect the data**
 - **Create a tf.data.Dataset**
11. **Select the type of model**
12. **Define the loss and gradient function**
13. **Evaluate the model's effectiveness**
14. **Use the trained model to make predictions**
15. **Create an optimizer**