TEKLRN

TENSORFLOW LEVEL 3

1. Overfit and underfit
   - Setup

2. The Higgs Dataset

3. Demonstrate overfitting

4. Training procedure
   - Small model
   - Medium model
   - Large model

5. Plot the training and validation losses

6. View in TensorBoard

7. Strategies to prevent overfitting

8. Add weight regularization
   - More info
   - Add dropout

9. Combined L2 + dropout

10. Save and load models
    - Options
    - Setup

11. Installs and imports
    - Install and import TensorFlow and dependencies:
    - Get an example dataset
    - Define a model

12. Start by building a simple sequential model:

13. Save checkpoints during training

14. Checkpoint callback usage

15. Checkpoint callback options

16. What are these files?

17. Manually save weights

18. Save the entire model

19. SavedModel format

20. HDF5 format

21. Saving custom objects