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J040
BTech Data Science

1. Classification on CIFAR10 data

loss: 1.544
acc: 0.5644
val_loss: 1.5133
val_acc: 0.5023

2. Taking initializer as Random uniform and zero

loss: 1.5007
acc: 0.5147
val_loss: 1.5647
val_acc: 0.4997

3. Taking weights as ones

loss: 14.5063
acc: 0.1000
val_loss: 14.5063
val_acc: 0.1000

4. Initializing with constant values

loss: 2.3027
acc: 0.0974
val_loss: 2.3026
val_acc: 0.1000

5. Random normal

loss: 1.4497
acc: 0.4819
val_loss: 1.5254
val_acc: 0.4512

6. Random uniform

loss: 1.4608
acc: 0.4735
val_loss: 1.4822
val_acc: 0.4768

7. Truncated normal

loss: 1.4497
acc: 0.4813
val_loss: 1.4792
val_acc: 0.4711

8. Variance scaling

loss: 1.4506
acc: 0.4816
val_loss: 1.4548
val_acc: 0.4789

9. Orthogonal

loss: 1.4846
acc: 0.4686
val_loss: 1.5301
val_acc: 0.4530

10. Identity

loss: 1.8679
acc: 0.3062
val_loss: 1.8683
val_acc: 0.3088

11. Lecun uniform

loss: 1.5498
acc: 0.5016
val_loss: 1.5556
val_acc: 0.5313

12. Glorot normal

loss: 1.4020
acc: 0.4092
val_loss: 1.4996
val_acc: 0.5045

13. Glorot uniform

loss: 1.4577
acc: 0.4712
val_loss: 1.5503
val_acc: 0.5057

14. He normal

loss: 1.4670
acc: 0.4799
val_loss: 1.5065
val_acc: 0.5297

15. Lecun normal

loss: 1.4544
acc: 0.4799
val_loss: 1.5690
val_acc: 0.5004

16. He uniform

loss: 1.4535
acc: 0.4872
val_loss: 1.4493
val_acc: 0.5002