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| --- | --- | --- |
|  | Model 1 | Model 2 |
| Trial 1 | Number of epochs : 10  Learning Rate = 0.001  Accuarcy = 0.47 | Number of epochs : 50  Learning Rate = 0.01  Accuarcy = 0.36769 |
| Trial 2 | Number of epochs : 30  Learning Rate = 0.1  Accuarcy = 0.34 | Number of epochs : 30  Learning Rate = 0.01  Accuarcy = 0.470 |
| Trial 3 | Number of epochs : 30  Learning Rate = 0.001  Accuarcy = 0.501 | Number of epochs : 30  Learning Rate = 0.01  Accuarcy = 0.46153 |
| Trial 4 | Number of epochs : 50  Learning Rate = 0.001  Accuarcy = 0.53 | Number of epochs : 30  Learning Rate = 0.1  Accuarcy = 0.3800 |

* Model 1 (cnn) had better accuracy than model 2 (LeNet) from which we concluded that LeNet is better for smaller datasets.
* We also tried VGG but it took 2.5 hours per epoch making it too slow to consider.