

1. Stochastic gradient descent optimizer

loss: 9.0840e-02  
acc: 0.9769  
val\_loss: 0.0954  
val\_acc: 0.9537

2. RMSProp optimizer

loss: 0.0054  
acc: 0.9867  
val\_loss: 0.1257  
val\_acc: 0.9626

3. ADAgrad optimizer

loss: 2.7247e-03  
acc: 1.005  
val\_loss: 0.1223  
val\_acc: 0.9733

4. ADAdelta optimizer

loss: 2.5252e-06  
acc: 1.007  
val\_loss: 0.1537  
val\_acc: 0.9156

5. ADAM optimizer

loss: 0.0096  
acc: 0.8996  
val\_loss: 0.2086  
val\_acc: 0.9536

6. ADAMax optimizer

loss: 2.3871e-03  
acc: 1.005  
val\_loss: 0.2433  
val\_acc: 0.9713

7. NADAM optimizer

loss: 0.0257  
acc: 0.9859  
val\_loss: 0.1342  
val\_acc: 0.8979