**Deep Learning Practical 3: Keras Optimizers**

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**Aim :** To understand the various types of optimizers in Keras.

**Observations:**

Example model in **CIFAR10** dataset with:

1. ‘**Rmsprop’** optimizer accuracy: 0.9826
2. **SGD** optimizer model accuracy: 0.9552
3. **Rmsprop** optimizer model accuracy: 0.9802
4. **Adagrad** optimizer model accuracy: 0.9857
5. **Adadelta** optimizer model accuracy: 0.9854
6. **Adam** optimizer model accuracy: 0.9825
7. **Adamax** optimizer model accuracy: 0.9869
8. **Nadam** optimizer model accuracy: 0.9811