**Results – Adversarial Testing**

**Dataset – CIFAR-10**

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| --- | --- | --- | --- | --- | --- |
| **Model Type** | **Natural Performance (both should be very close to each other, i.e., no overfitting)** | | **Adversarial Performance**  **(5 various levels of attack)** | | |
| **Training Accuracy** | **Test Accuracy** | FGSM | C&W | PGD |
| MLP (5 Layers) |  |  |  |  |  |
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|  |  |  |
| LeNet-5 | **74.27%** | **59.96%** |  |  |  |
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|  |  |  |
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| GoogLeNet |  |  |  |  |  |
| ResNet-18 |  |  |  |  |  |
| ResNet-50 |  |  |  |  |  |
| Inception |  |  |  |  |  |
| Xception |  |  |  |  |  |
| EfficientNet |  |  |  |  |  |
| DenseNet |  |  |  |  |  |
| SqueezeNet |  |  |  |  |  |