**COMP\_SCI-5567-0001 – Deep Learning**

**Project-1**

**Neural Networks in Practice (Part 1)**

**Submitted by:**

**Sai Deeksha Enukonda**

**ID: 16343736**

**Task Observations:**

After Running the model several times\* (~5 times) per each configuration)

**Observations for 10 Configurations Recorded**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Config1 Test error | Config2 Test error | Config3 Test error | Config4 Test error | Config5 Test error | Config6 Test error | Config7 Test error | Config8 Test error | Config9 Test error | Config10 Test error |
| 1 | 0.036 | 0.049 | 0.042 | 0.043 | 0.031 | 0.046 | 0.043 | 0.036 | 0.044 | 0.027 |
| 2 | 0.033 | 0.035 | 0.045 | 0.048 | 0.045 | 0.025 | 0.040 | 0.049 | 0.031 | 0.042 |
| 3 | 0.045 | 0.026 | 0.043 | 0.039 | 0.049 | 0.035 | 0.038 | 0.032 | 0.027 | 0.043 |
| 4 | 0.038 | 0.046 | 0.039 | 0.045 | 0.041 | 0.026 | 0.042 | 0.037 | 0.029 | 0.046 |
| 5 | 0.027 | 0.045 | 0.038 | 0.042 | 0.043 | 0.024 | 0.045 | 0.038 | 0.027 | 0.048 |

**Deliverable (Video) Link:**

[**https://d2y36twrtb17ty.cloudfront.net/sessions/f549a992-b9c3-49e0-a935-b132017d9138/d71d1091-2c22-42a2-a676-b132017d9141-987d7962-871e-4732-8fe9-b13201823964.mp4?invocationId=f250e237-aee1-ee11-8291-12c206d2fd2b**](https://d2y36twrtb17ty.cloudfront.net/sessions/f549a992-b9c3-49e0-a935-b132017d9138/d71d1091-2c22-42a2-a676-b132017d9141-987d7962-871e-4732-8fe9-b13201823964.mp4?invocationId=f250e237-aee1-ee11-8291-12c206d2fd2b)