

	SR UNIVERSITY Campus Warangal	
	Program: II - B.Tech (CS& AI)	
	Professor(a): Dr. Venkataramana Veeramsetty, Professor	
	Department: Computer Science and AI	Semester: II
Generative AI - Assignment - 1		
Instructions:		

1. (1 ponto) Write Python code from scratch to find error metrics of deep learning model. Actual values and deep learning model predicted values are shown in Table 1. Also compare the results with the outcomes of libraries

Y_{Actual}	Y_{Pred}
20	20.5
30	30.3
40	40.2
50	50.6
60	60.7

Tabela 1: Y_{Actual} Vs. Y_{Pred}

2. (1 ponto) Write python code from scratch to find evaluation metrics of deep learning model. Actual values and deep learning model predicted values are shown in Table 2. Also compare the results with outcome of libraries

Y_{Actual}	Y_{Pred}				
0	0	1	1	2	0
0	0	1	0	2	0
0	1	1	2	2	1
0	2	1	0	2	2
0	2	1	2	2	2

Tabela 2: Y_{Actual} Vs. Y_{Pred}

- **Expected Learning Outcomes from this assignment related to python**
 - Students are able to understand deep learning model metrics
 - Students are able to write code in python to find deep learning model metrics
 - Students are able to use python libraries to find deep learning model metrics
- **Naming cinvention**
 - Report File Name: RollNo_Week No._Assignment No.

Date: 2025-01-07