Department Of Electrical & Computer Engineering

▪ **Machine Learning**
▪ **Lab Coordinator: Ms. Sana Saleem**
▪ **Course Instructor: Dr. Abid Ali**
▪ **Lab 02 Assignment 02**
▪ **Program: BS(AI) -F23**
▪ **Semester: 5ᵗʰ**
DEADLINE: 13ᵀᴴ- SEPTEMBER-2025

➢ <u>Assignment 02:</u>

Home Task need to be submitted through the Teams, add all screenshots and relevant results with explanation must be added from the system.

1. You are required to implement a linear regression model on an insurance dataset, following the procedures outlined in the lab manual. The goal is to analyze the dataset, implement the model, evaluate its performance, and visualize the results. You will need to document each step, providing insights and analysis based on the findings.

2. <u>Dataset is attached in the folder. Use Dataset **Insurance.CSV**</u>

"Stay curious and keep learning." Ezra Bayda (1944 -)