

PAK-AUSTRIA FACHHOCHSCHULE:  
INSTITUTE OF APPLIED SCIENCES AND TECHNOLOGY

▪ Machine Learning
▪ Lab Coordinator: Ms. Sana Saleem
▪ Course Instructor: Dr. Abid Ali
▪ Lab 02 Assignment 01
▪ Program: BS(AI) -F23
▪ Semester: 5 <sup>th</sup>
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## ➤ Assignment 01:

## Tasks:

- 1) Search online and select any dataset having missing values.
- 2) Read the dataset using pandas library.
- 3) Perform the preprocessing steps.
- 4) Deal with all the missing values.
- 5) Find the correlation between the target variable and input features.
- 6) Visualize the data via graphs.
- 5) Split the dataset into train and testing part. Use 20% data of the dataset for testing.
- 6) Train a simple linear regression model on the dataset.
- 7) Evaluate the model and find the accuracy.

**"When we really pay attention, everything is your teacher." Ezra Bayda (1944 -)**