# CS-4053 Recommender System

Spring 2023

Course Introduction

**Course Instructor:** Syed Zain Ul Hassan

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# Course Description

- This course is about **Recommender System** — a software designed to recommend products or some useful information based on extensive personalization. A common example is ecommerce sites such as AliExpress, Daraz.pk, IMDB, Amazon and Netflix, they are widely used ranging in areas from marketing (e.g. personalized product recommendations) to financial services. This course discusses various techniques for designing and making recommendations, including non-personalized, content-based, and collaborative recommendation techniques and their applications.

# Course Instructor

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**Office:** CS-Basement 2, Office# 12

# Who should take this course?

*Humans!*

# Pre-requisites

- The students should have a basic understanding of how algorithms work. Basic knowledge of machine learning is going to be helpful but otherwise these basics can be explained in class when they are encountered in some topic.

# Marks Distribution

- Assignments*           5%
- Quizzes                5%
- Project                10%
- Midterm I and Midterm II    15% + 15%
- Finals                 50%

*Plagiarism in any assignment will result in 0 marks (inarguable)*

# Course Outline

- Please refer to the course outline document (available on the course Google Drive)