Big Data Orientation

Course Syllabus

Course Prerequisites

This course assumes no prior experience with Big Data, though some fundamental knowledge of computer systems, basic programming constructs, and database concepts will be useful.

Course Outline

- Data Fundamentals
- Introduction to Relational Databases
- Introduction to NoSQL Databases
- Introduction to Big Data Technologies

Expected Effort

Each week, you should expect to spend 3-4 hours on the course, including:

- Viewing the lecture videos and demonstrations.
- Further reading.
- Answering review questions.
- Completing hands-on labs.

Coursework and Grading

The course work in this course is graded. An overall grade of 70% or higher is required to pass this course.

Discussion

We encourage all students to submit questions, observations, and comments in the **Discussion** section. If you have any issues while working on the course, check here first – your fellow students may have already found a resolution!

Please remember that the discussion forum is open to all students and staff, and while we love to see passionate engagement, abusive or inflammatory behavior will not be tolerated.

Due to the volume of students attending this course, it will not be possible for the course staff to answer every question individually. You should still post questions however, because in many cases, your fellow students may be able to help.