edX

Audit Access Expires May 11, 2020
You lose all access to this course, including your progress, on May 11, 2020. Upgrade by Mar 25, 2020 to get unlimited access to the course as long as it exists on the site. **Upgrade now**

1. Objective

You will need to have basic knowledge of probability theory, and a sound foundation of multivariable calculus and linear algebra to follow along in this course. There will be no review of these subjects beyond this unit.

Homework 0 consists of some warmup exercises for the beginning of the course. It does **not** cover all background material you will need. Nonetheless, it can serve as rough guide on how ready you are: if you need to struggle much in these exercises, then you will need to spend substantial amount of time catching up on background material.

The following topics will allow you to understand part of the course material better, although not strictly required:

- Eigenvalues, eigenvectors, and spectral decomposition (linear algebra)

- Lagrange multipliers (multivariable calculus).

Homework 0 is due next **Tuesday February 11 23:59UTC** . **Please note the UTC time zone and find the corresponding time at your location.** Note that CST on EdX is China Standard Time, not Central Standard Time.

Discussion

<div style="text-align: right;">

Hide Discussion

</div>

Topic: Unit 0. Course Overview, Homework 0, Project 0 (1 week):Homework 0 / 1. Objective

Add a Post

Show all posts	by recent activity

Helpful Link to Visualize Vector Projection
https://www.geogebra.org/m/XShfg9r8
📌 Pinned   👤 Staff

6

when will this course offer verified certificate next time again?
.

2

Please consider extension
Hi teaching staff, I have been in transit and unable to work on the course materials for the pa...

1

Course Setup is VERY disappointing
After reviewing the homework. I found this course setup VERY VERY disappointing. Overwhel...

5

Reading recommendations
Are there any recommendations on textbooks for catching up on the background material? (c...

5

Resources to revise basic concepts
Hello fellow micro masters students and assistants, I studied these basic concepts of the cour...

2

Question on Micromaster sequence
Hello course staff, does the course has a pre-requisite for the "Intro to Statistics content" (fro...

4

Learn About Verified Certificates