

The Erdős Institute

May-Summer 2024 Data Science Boot Camp

Schedule

Zoom Meetings

- **Lectures:** 3:00 PM - 4:30 PM ET each M/T/W/R
 - It is highly recommended that you attend these synchronously so that you can ask questions. These will be recorded and posted in case you need to miss one, or if the time doesn't work with the rest of your schedule.
- **Problem Solving Sessions:** 11:00 AM - 12:00 PM ET each M/T/W/R
 - It is highly recommended that you attend these synchronously. This is where you get practice using what we cover in lecture. You will be paired with other participants and teaching assistants in breakout rooms to work through problem session notebooks.
- **Office Hours:** 12:00 PM - 1:00 PM ET each weekday M/T/W/R/F.
 - These are **optional** office hours. I can help you with individual questions you may have about course content, technical questions related to your project, etc.

Final Project

Final projects must be submitted by Saturday June 1st, 2024 at 11:59 PM ET in order to receive a certificate of completion.

Commencement and Project Showcase

The Boot Camp Commencement and Project Showcase will be held on Wednesday June 5, 2024 from 12:00 PM - 1:30 PM ET. The top 5 projects and best overall project will be announced during the showcase.

First Day of Class

It is essential that you have your computer set up to run Jupyter notebooks with all of the packages we will use installed. If you don't have this accomplished by the end of the first day of lecture you may find it difficult to catch up.

For this reason I encourage **everyone** to attend the regularly scheduled Problem Solving Session time from 11:00 AM to 12:00 PM on Monday May 6th.

If you cannot make this time (or if you are still not set up completely at the end of the problem session), please attend an additional session immediately following the introductory lecture from 4:30 PM to 5:30 PM.

Even if you are already set up, I request that you attend one (or both!) of these sessions so that you can assist your colleagues in getting set up. It is all hands on deck!

Content Schedule

Cohort orientation on 05/03/2024.

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
May 6th 1: Introduction, Computer Setup, and Q&A	7th 2: Data Collection	8th 3: Regression I	9th 4: Regression II	10th Work on project
13th 5: Regression III	14th 6: Time Series I	15th 7: Time Series II	16th 8: Classification I	17th Work on project
20th 9: Classification II	21st 10: Ensemble Learning I	22nd 11: Ensemble Learning II	23rd 12: Neural Networks	24th Work on project
27th Memorial Day	28th Work on project	29th Work on project	30th Work on project	31st Work on project

SATURDAY	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
June 1st Project due 11:59 PM	2nd	3rd	4th	5th Project Showcase Noon - 1:30PM	6th	7th