

# The Erdős Institute

## Spring 2024 Data Science Boot Camp

### Schedule

## Zoom Meetings

There are four Zoom meetings each week. The Zoom link is accessible from your Erdős Institute profile. We use the same link for all meetings:

- **Lectures:** 3:00 PM - 4:30 PM ET each Monday
  - 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.
- **Math Hours:** 10:00 AM - 11:00 PM ET each Tuesday
  - These are **optional** sessions where we dive deeper into the math and stats which underpin the techniques covered in lecture.
- **Office Hours:** 11:00 AM - 12:00 PM ET each Tuesday
  - 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.
- **Problem Solving Sessions:** 3:00 PM - 4:00 PM ET each Thursday
  - 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.

## Final Project

Final projects must be submitted by Friday April 26, 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 May 1, 2024 from 12:00 PM - 1:30 PM ET. The top 5 projects and best overall project will be announced during the showcase.

# Content Schedule

Cohort orientation on 02/01/2024.

MONDAY LECTURE 3PM-4:30PM	TUESDAY MATH HOUR: 10AM-11AM OFFICE HOUR: 11AM-12PM	THURSDAY PROBLEM SESSION 3PM-4PM
Feb 5th 1: Introduction, Computer Setup, and Q&A	6th	8th
12th 2: Data Collection	13th	15th
19th 3: Intro to Supervised Learning Regression I	20th	22nd
26th 4: Regression II	27th	29th
Mar 4th 5: Regression III	5th	7th
11th 6: Time Series I	12th	14th
18th 7: Time Series II	19th	21st
25th 8: Classification I	26th	28th
Apr 1st 9: Classification II	2nd	4th
8th 10: Ensemble Learning I	9th	11th
15th 11: Ensemble Learning II	16th	18th

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Apr 22nd Lecture 12: Neural Networks	23rd Office Hour	24th	25th Problem Session 12	26th Project Due at 11:59 PM ET
29th	30th	May 1st Commencement at 12:00 PM - 1:30 PM	2nd	3rd