

The Erdős Institute

Spring 2025 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:** 12:00 PM - 1:30 PM ET each Tuesday
 - 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 Wednesday
 - 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 Wednesday
 - 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:** 2:00 PM - 3:00 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.

Computer Setup Day

The first day we will meet is Thursday January 23rd at 2pm ET. Note that this is even before the course orientation! We have a very simple goal: to clone the repo, install the conda environment, and use that conda environment to run a Jupyter notebook. It is impossible to participate in the course without these abilities so it is important to attend this session. If you can do these things please show up to help the other participants!

Final Project

Final projects must be submitted by Monday April 21st, 2025 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 April 30th, 2025 from 12:00 PM - 1:30 PM ET. The top 5 projects and best overall project will be announced during the showcase.

TUESDAY LECTURE: 12:00-1:30	WEDNESDAY MATH HOUR: 10AM-11AM OFFICE HOUR: 11AM-12PM	THURSDAY PROBLEM SESSION: 2:00-3:00
Jan 21st	22nd	23rd Pressure Testing Day 12:00 - 1:00
28th 1: Introduction, Computer Setup, and Q&A	29th	30th
Feb 4th 2: Regression I	5th	6th
11th 3: Intro to Supervised Learning Regression II	12th	13th
18th 4: Regression III	19th	20th
25th 5: Inference I	26th	27th
Mar 4th 6: Inference II	5th	6th
11th 7: Time Series	12th	13th
18th 8: Classification I	19th	20th
25th 9: Classification II	26th	27th
Apr 1st 10: Ensemble Learning I	2nd	3rd
8th 11: Ensemble Learning II	9th	10th
15th 12: Neural Networks	16th	17th