The Erdős Institute
Fall 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**: 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.

Pressure Testing Day

The first day we will meet is Thursday September 5th at 2pm ET. We have a very simple goal: to install the conda environment and use it 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 December 3rd, 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 December 11, 2024 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
Sep 3rd	4th	5th Pressure Testing Day 12:00 - 1:00
10th 1: Introduction, Computer Setup, and Q&A	11th	12th
17th 2: Regression I	18th	19th
24th 3: Intro to Supervised Learning Regression II	25th	26th
Oct 1st 4: Regression III	2nd	3rd
8th 5: Inference I	9th	10th
15th 6: Inference II	16th	17th
22nd 7: Time Series	23rd	24th
29th 8: Classification I	30th	31st
Nov 5th 9: Classifiction II	6th	7th
12th 10: Ensemble Learning I	13th	14th
19th 11: Ensemble Learning II	20th	21st
26th 12: Neural Networks	27th	28th Thanksgiving No Problem Session