# Welcome to the Northwestern University Data Science & Visualization Boot Camp

Session Objectives

1. Get to know your classmates as a community for collaborative learning

2. Get to know the instructional team who will be providing holistic support throughout the program

3. Understand the minimum requirements in order to successfully complete this boot camp

4. Know where to turn to get help and support at your moments of need

A Note About Attendance

1. Camera <u>must</u> be turned on to be considered *present* - the Support Team reserves the right to reverse attendance if camera is turned off at any time during the course without communication.

2. Please be sure your **full name** (as registered) appears in Zoom

3. **Attendance will be managed by your TA Team**
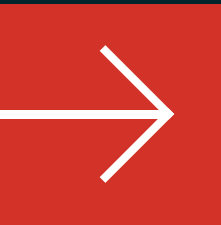
Meet & Greet!

Suzanne Rovani
Assistant Director, International & Professional Education Programs
Northwestern University SPS
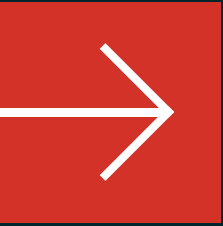spsbootcamps@northwestern.edu

Lacey Emry

Student Success Advisor (SSA)

lemry@bootcampspot.com

Book a call: www.calendly.com/lemry

Instructional Team

Will Wright

Instructor

- *7th Bootcamp as an instructor*
- *Data Scientist at University of Chicago*
- *M.S. Data Science, working in the field for 13 years*

Theo Khayat
Sub-Instructor

- *Math Nerd / Automation Enthusiast*
- *Data & Machine Learning Engineer*
- *M.S. Human-Computer Interaction*
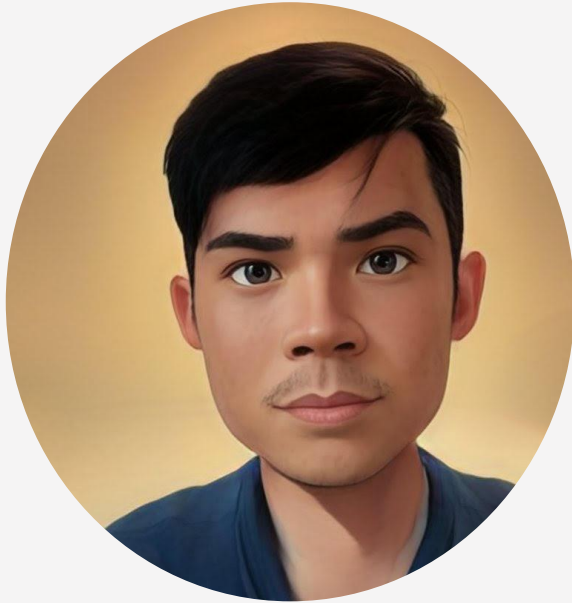- *Amateur chef - anyone who cooks can code ;)*

Erin Wills

TA

Pronouns he/him

- *Former bootcamp student*
- *Supported 6 previous data cohorts*
- *Experience working in the chemical industry and higher education*

Andrew Nguyen

TA

Pronouns he/him

- *2nd Bootcamp as a TA*
- *Data Analyst - Gov't Privacy Office*
- *M.S. Data Science, UBC*

Let's hear from you!

In 30 seconds or less, please share:

- *Name*

- *Personal pronouns (optional)*

- *Background (career, education, or interest)*

- *Reason for joining the boot camp*

- *One fun fact about yourself!*

About the Boot Camp

Life in Boot Camp

Live Support

Structured classes, office hours, and study groups provide comprehensive support throughout the week.

1:1 tutoring is available for additional support.

AskBCS provides support from Live Learning Assistants 7 days a week.

Weekly Homework

Each week, you will submit a homework assignment around the subject matter taught.

During the course you will have group projects that integrate skills from the previous weeks, building a valuable work product to share with potential employers.

Standard Weekly Calendar: Monday/Tuesday/Thursday Live Classes

1 Monday	**2** Tuesday	**3** Wednesday	**4** Thursday	**5** Friday	**6** Saturday	**7** Sunday
Virtual Class	Virtual Class	Review Class Recordings	Virtual Class	Review Class Recordings	Challenge Focus	Challenge Focus

Academic support

Learning Assistants

Office Hours (5:45 PM—6:30 PM) + **Instructor-led virtual class** (6:30 PM—9:30 PM) + **Office Hours** (9:30 PM—10 PM)	**Office Hours** (5:45 PM—6:30 PM) + **Instructor-led virtual class** (6:30 PM—9:30 PM) + **Office Hours** (9:30 PM—10 PM)		**Office Hours** (5:45 PM—6:30 PM) + **Instructor-led virtual class** (6:30 PM—9:30 PM) + **Office Hours** (9:30 PM—10 PM)	+ **Next module opens at 12:01 AM today**		

NOTE: ALL times are in Central time zone.

Students' Example Schedule

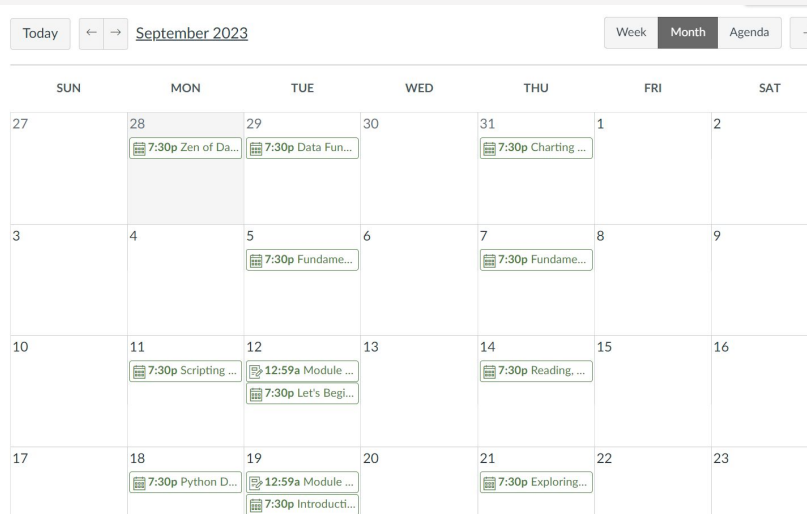| Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
6.00 am	Self Care	Prep for Week	Assignments & Study Time	Assignments & Study Time	Assignments & Study Time	Personal Time	Self Care
7.00 am	Adulting						Plan Next Week
8.00 am							Tutoring Session
9.00 am		Work	Work	Work	Work	Work	Study Group
10.00 am	Assignments & Study Time						
11.00 am							
noon	Lunch/Break						
1.00 pm	Assignments & Study Time						
2.00 pm							Buffer/ Flex Time
3.00 pm	Personal Time						Assignments & Study Time
4.00 pm							
5.00 pm	Dinner	Dinner/ Break	Dinner/ Break	Dinner/ Break	Dinner/ Break	Dinner/ Break	
6.00 pm	Assignments & Study Time	Class & Office Hours	Class & Office Hours	Study Group	Class & Office Hours	Assignments & Study Time	Dinner/ Break
7.00 pm							
8.00 pm							Personal Time
9.00 pm						Buffer/ Flex Time	
10.00 pm	Buffer/ Flex Time						

Holiday Adjustments

If the Boot Camp schedule calls to observe a holiday, these adjustments will be reflected in your Canvas BootCampSpot calendar. Please look for a **missing** tile if there is *no class*.

Holidays Observed: *MLK Day, President's Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Indigenous People's Day, Veterans Day, Thanksgiving Week, Winter Break*.

Course Requirements

24-Week Graduation Requirements

- Miss no more than **4** Virtual Classes

- Participate and complete all Group Projects

- Miss no more than **2** assignments - either missing or marked incomplete. *A minimum grade of D- / 60 on all assignments submitted is required; homeworks that receive an F / 59 or below need to be resubmitted for a regrade or will count as missing.*

- Fulfill tuition requirements

NOTE: Change of Enrollment (Add/Drop Week) deadline is 9/4/2023.

Homework Challenge Guidelines

- Due by **midnight** on the due date, Module Challenges graded by **Central Grading Team**

- In **extenuating** circumstances, students may submit a request for a homework extension - to do so, please email lemry@bootcampspot.com.

- A grade of **"F" or "I" (Incomplete) does not count toward graduation** requirements. Assignments marked F or I will need to be resubmitted or will count as a skip.
  - If you have any questions about your homework assignment, contact and request support from your instructional team first as they can provide more in depth feedback if needed

- Students can re-submit assignments up to 3 times for a higher grade. Students should discuss with the TA and let the SSA know they would like a regrade. *NOTE -* ***don't let the perfect be the enemy of the good****. Submit, get a passing grade, move on to the next one. You can revise and refine for the rest of your life.*

Please review
[Centralized Grading - Student Guidelines](#)
for additional info.

Academic Honesty Policy

1) **All borrowed code must be cited.** You are required to provide a web link and/or the origin of the material.

2) **All code should be commented out**. Explain your code and how it functions. This is a best practice in the industry.

3) **Change all naming conventions**, especially if the code is borrowed in any way.

If your HW is found to be plagiarized:

- **First Offense**: The student is required to explain the code and how it functions with two staff members. The assignment can be resubmitted.
- **Second Offense**: The student is required to explain the code and how it functions with two staff members. The assignment is marked as Incomplete and receives no credit.
- **Third and Final Offense:** The student receives an Incomplete and the university will determine if expulsion and or a failing grade for the course is deemed appropriate.

***Each offense is documented on the student's record.

edX

What We Expect

- Be on time, be respectful, be honest

- Submit assignments and projects <u>on time</u>

- Respond to the weekly survey for access to BCS homepage

- Stay focused and pay attention (class pace is *VERY FAST*)

- **Spend AT LEAST 20 hours per week practicing outside of class**

- **Ask for help when you need it**: attend office hours, reach out to instructor or peers, request a tutor, schedule a meeting with your SSA, live chat through BootCampSpot, form study group(s), etc.

You are responsible for your success, but you're not alone!

Boot Camp Code of Conduct

- Adhere to the Northwestern University student code of conduct.

  - [Northwestern University Student Handbook & Code of Conduct](#)

- Bullying of any kind is not acceptable classroom behavior. Bullying can include inappropriate remarks relating to anyone's ethnicity, religious background, sexual orientation, gender identity. It can also include making fun of, teasing, or harassing other members about their ideas, questions, or concerns.

- Conversations relating to any illegal activity, including illegal drugs or drug paraphernalia, are strictly prohibited.

- Sexual harassment, which includes remarks that can be perceived as provocative or sexual in nature, which includes comments towards individuals or one gender entirely.

- Class forums and platforms are intended for class-relevant content only.

Classroom Values

We Never Stop Improving
We lend an ear to both praise and feedback to deliver our best work.
This process is a journey and not a destination.

We Bring a Can-Do Attitude
We confront challenges with enthusiasm and figure things out. We value effort, commitment, learning, and a growth mindset.

We Only Succeed Together
Teamwork is critical to our success, and we place a tremendous value on how we work together across the entire cohort.

We Respect the Rights, Differences, and Dignity of Others
We want to create a learning space where people can bring their full selves. In order to do this we must all respect the diversity of our experiences and how it contributes to our learning.
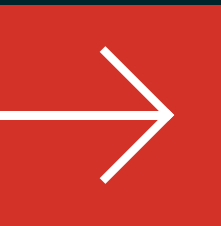
System Check

What Will I Use Bootcamp Spot for?

- View course content and in-class activities

- Submit Homework Assignments as files, text or GitHub links

- Connect and participate in your Virtual Classes with Zoom

- View your grades

- Find information on and connect with Career Services

My Course in Bootcamp Spot

- From this page, you can access your online modules.
- On the left menu bar, you'll also have options to view assignments, grades, and access Zoom links for classes and office hours.
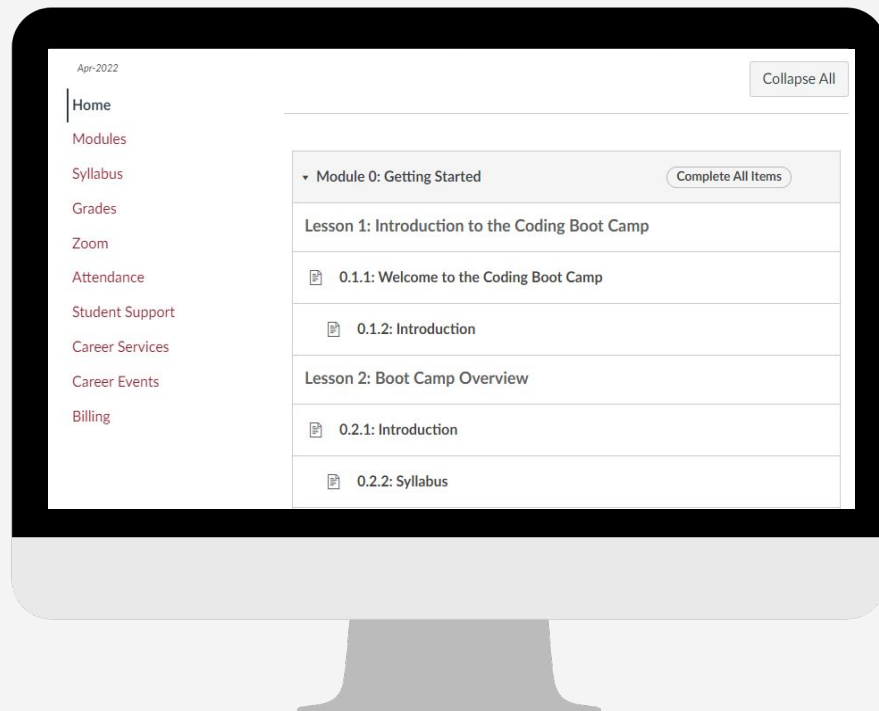
Collaboration on Slack

- Slack is the shared virtual workspace where your class will interact during and outside of class hours.

- This class requires a lot of collaboration, so being able to share messages and files quickly is crucial for our success!

- After creating an account, be sure to download the desktop version for easier access and navigation.
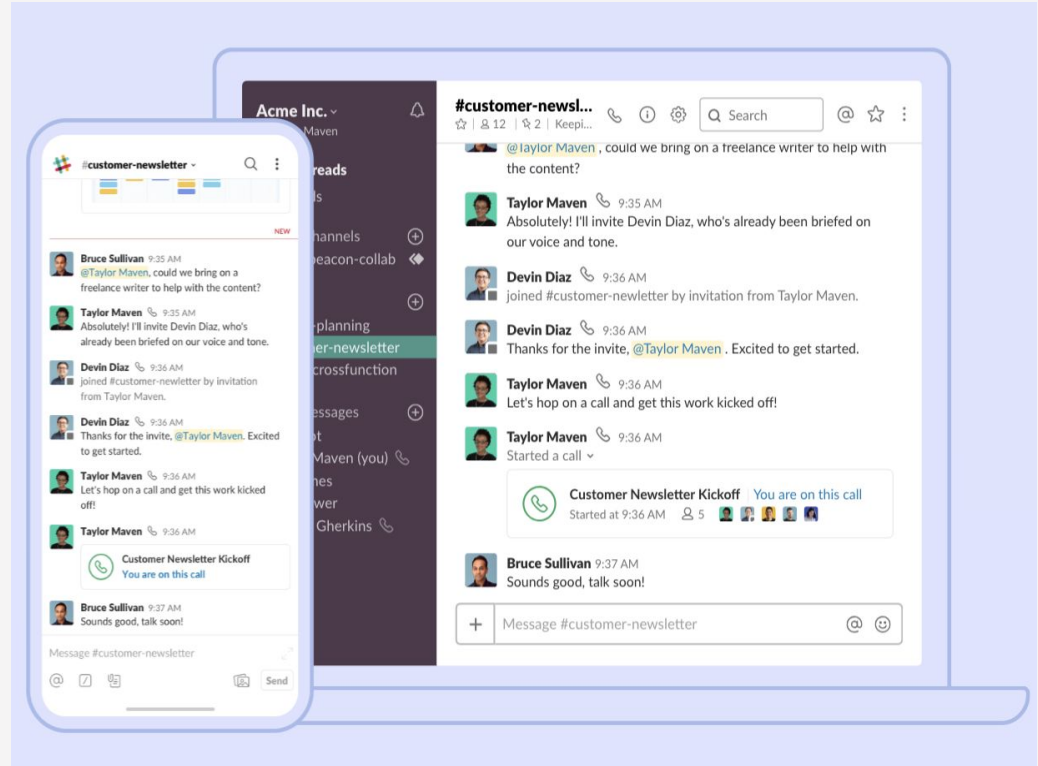
Resources

Tips for Success

- Use a calendar (digital or physical) to plan out your weeks
- Take advantage of Office Hours + Private Tutoring
- Form study groups
- Ask questions
- Stay engaged and reduce distractions
- Arrive on time or early for office hours
- Engage on Slack throughout class
- Set up a second monitor
- Please do not install updates during this class. Installs for class MUST be completed outside of class time
- Read instructions and use your glossary/cheat sheets

Central Tutoring

How do I sign up for tutoring?
Request a tutoring session using this link:
https://tinyurl.com/BootCampTutorTeam

How does tutoring work?
- 1 session per week
- 1 on 1 meeting with the tutor
- Scheduled at your convenience

See our Tutor Support Student Guidelines for more detail.

Communicating with Your Cohort

- Throughout the course, some of your projects and tools may require contact information for collaboration (eg., email, phone number)

- If you do not feel comfortable sharing this information, consider creating a new email address or alternatives like Google Voice: https://voice.google.com/

Drop Deadline

- **Monday, September 4th at Midnight**

    - *Prior to the deadline*
        - Eligible for a drop with refund, except for non-refundable deposit
        - Eligible to transfer to the next class (limit 1 transfer per student)

    - *After the deadline*
        - Responsible for 100% tuition
        - No transfers or late drops
        - Withdrawals only for extreme extenuating circumstances (must be approved by 2U/Trilogy and the University, please email SSA for support)

- To request to drop or transfer **PRIOR TO THE DEADLINE -**
    - Email your SSA Lacey Emry: lemry@bootcampspot.com
    - Provide a general reason for your request
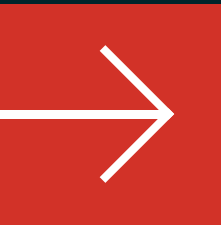
Any Questions?

Thank you for your time & attention!
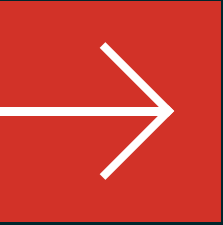
Career Services

Career resources and advice to help you reach your career goals.

Your Career Support

Career advice and resources to help you reach your goals.

CAREER ENGAGEMENT NETWORK (CEN)

- JOB BOARD
- CAREER GUIDES
- EVENT SCHEDULE
- TEMPLATES & MORE

CAREER EVENTS

- WORKSHOPS
- RECRUITING EVENTS
- ALUMNI PANELS
- NETWORKING EVENTS

CAREER MATERIAL REVIEWS*

- RESUME/CV
- LINKEDIN PROFILE

CAREER COACHING & ADVISING*

- 1:1 COACHING
- MOCK INTERVIEWS
- GOAL SETTING
- CAREER PLANNING

SELF-GUIDED CAREER COURSE*

- LESSONS & ACTIVITIES
- INDUSTRY INSIGHTS
- DETAILED ADVICE

You can access all of these resources via the Career Services tab of your course portal.

Career Engagement Network

Resources for Career Advancement. Career material libraries, with templates and tools tailored to your industry and level of experience, will help you prepare for career readiness.

Workshops and Engagement Events with edX experts and industry professionals. Access to almost daily online events focused on interview prep, networking, and more to help you become competitive in the job market.

Direct line to job opportunities. Through our job board, you can apply to and get referred to a wide range of jobs at edX's hiring partners. You also get access to quarterly career fairs and over 50 company recruitment webinars per year.
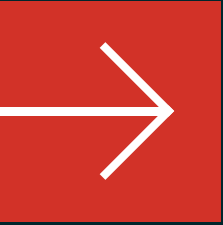
Appendix: Virtual Class Best Practices

Zoom Basics

Most user controls located at bottom of your screen:

| Unmute | Stop Video | Security | Participants 1 | Chat | Share Screen | Polling | Record | Reactions | More |

Mute yourself unless you're speaking.

Video on during class.

Add virtual backgrounds here.

Click "Participants" button to open menu to raise and lower hand.

Share your screen with others here.

Clap, thumbs up, etc. here.

Best Practice 1: Always Mute

Please keep your microphone muted, unless you are called on or your host asks for feedback/communication.

Best Practice 2: Turn Your Video On

Kindly turn your video on
so we can see you.

Best Practice 3: Update Your Name

Please update your name under the Zoom Participants tab to your full name.