Welcome to Flatiron School!

WE'LL GET STARTED AROUND 10:00 AM ET!
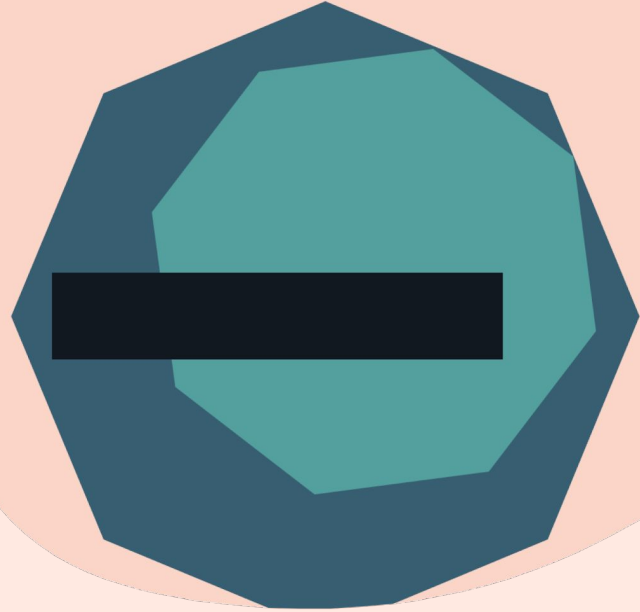
// FLATIRON SCHOOL

Agenda

- Warm-up & Introductions
- Your Support Team
- Program Tools
- Program Structure & Schedule
- Setting Yourself Up For Success

Warm-up 🔥

- Introduce yourself:
  - Name
  - Pronouns
  - Where you are located

- Share a book, podcast, movie, or TV show you've enjoyed recently.

I'm your instructor!

What I do:

- Conduct sessions on core curriculum
- Administer and grade assessments
- Deliver feedback on coursework and progress

daniel.burdeno@flatironschool.com
@danielburdeno (slack)

Daniel Burdeno

Pronouns (he/him)

Your Support Team

Technical Support:

Instructors

- Deliver lectures and core curriculum
- Deliver assessment feedback

Technical Coach Pairing

- Zendesk help
- After hours

Your Support Team

Non-Technical Support:

Student Advising

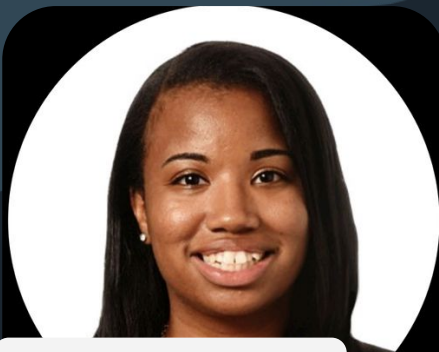- One-on-one support during your program.

Career Coaching

- One-on-one support after graduation.

Community

- Newsletters, Slack channels, and events to help you connect with others and build your network.

The Squad

Angelica (Jelly) Spratley

Daniel Burdeno

David Elliott

Brendan Hutchinson

Joseph Mata

Instructors and Coaches

- Able to support during business hours

- Exceptions include meetings, supporting events, lunch, lectures, and prep time.

- Instructional team will give you constructive feedback on code and professional skills.

- They will not necessarily hand you the answer - but they'll guide you.

Program Tools

Slack

Upload a photo (of your face!), indicate your first name, last name, and pronouns in your profile - please and thank you!

Our Cohort Channel

ntl01-dtsc-live-022023 (main channel)
code-ds-live-022023 (for code cells)

Community Channels

announcements
events
wellness-in-tech
all-about-jobs

… and more!

DOWNLOAD the slack desktop/mobile app!

NOTE This is a part of our community but we can't be everywhere at once. Please let us know if you're ever uncomfortable with something that was said or the way something was said.

Canvas

Flatiron School uses **Canvas** (Learning Management System) to deliver our program and technical content. Check your courses daily for important time-sensitive information.

HOMEROOM

Programmatic Content:

- Cohort Calendar
- Program resources and information
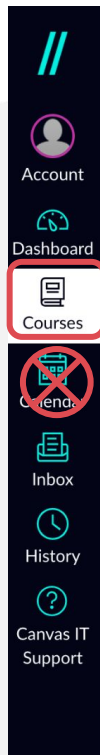- Surveys
- Lecture Recordings (Youtube)

PHASE

Textbook and Workbook:

- Lessons
- Labs
- Assessments
- Blogs

Homeroom

Accessing the Calendar

DS-040422

Home

Modules

📅 **Program Calendars**

We recommend that you click the "+ Google Calendar" button in the lower right corner to integrate this calendar with the other calendars you use. You can also toggle to different views in the top left corner of the embedded calendar to look at each week, each month, or day-by-day in the Agenda view. Adding a calendar to your own will adjust the calendar to your specific time zone.

Pair with a Technical Coach

Who? Technical Coaches (TCs)

What? Support with:

- General comprehension
- Technical support for platforms and applied learning tools
- Getting "unstuck" in labs (please note we are not currently offering this service for projects)
- Cannot help with anything assessment-related

When? Nights and weekends

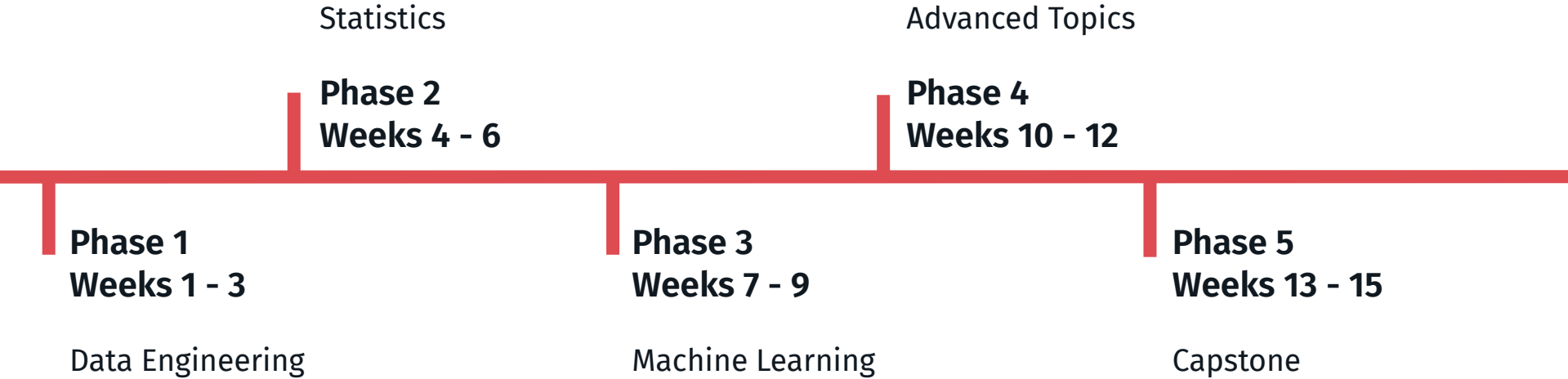**How?** Zendesk chatbot in Canvas (able to chat and screenshare)

Pair with a TC

Name

Brigid

Email

brigid.oconnor@flatironschool.com

Choose Your Discipline

Software Engineering

Message

Hi! Could use a little help on where to start with the React Controlled Components Lab. I understand the concepts but having a tough time with first steps. GitHub repo is: https://github.com/seanmartinstudio/reac

Start chat

2021-07-SENG-FLEX-PHASE-1 › Modules

07-21-FLEX-SE

Home
Announcements
Assignments
Discussions
Grades
People
Pages
Syllabus
Outcomes
Quizzes
Modules
BigBlueButton
Collaborations
Attendance
New Analytics
Item Banks

Collapse All | View Progress | Export Course Content | + Module

[Flex Only] Prerequisite | Complete All Items | +

[Flex] Phase 1 Prerequisite
1 pts | Score at least 1.0

Welcome to Phase 1 | Complete All Items | +

Phase 1 Syllabus: Flex Program, 20 Week Pace

Phase 1 Syllabus: Flex Program, 40 Week Pace

Phase 1 Syllabus: Flex Program, 60 Week Pace

Welcome - What To Expect In Phase 1
View

Blogging

Nothing for the next week

Chat

Program Structure & Schedule

Program Timeline

Statistics

Phase 2
Weeks 4 - 6

Advanced Topics

Phase 4
Weeks 10 - 12

Phase 1
Weeks 1 - 3

Phase 3
Weeks 7 - 9

Phase 5
Weeks 13 - 15

Data Engineering

Machine Learning

Capstone

The Next 15 Weeks

LABS AND LESSONS

Learn the fundamentals. Do NOT need to complete all labs and lessons, but going through most is essential to passing the code challenges and creating projects.

BLOGS

Each phase you will write a technical blog to practice technical writing and communication skills. These also bolster your online presence for the job search. *gating/required assignment*

CODE CHALLENGES

Week 2 of phases 1-4 you will take a code challenge. Each student gets a second attempt to pass via a solo project in the event they fail the first attempt. *gating/required assignment*

PROJECTS

In week 3 of phase 1-4, students build a project to practice all of the concepts from the phase and build their portfolio for the job search. Phase 5 consists of 3 weeks to build a cumulative capstone project. *gating/required assignment*
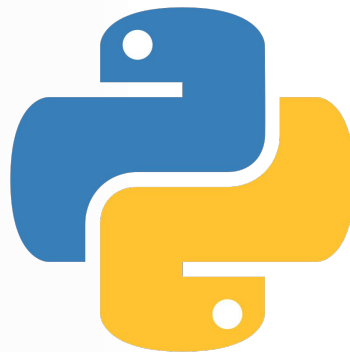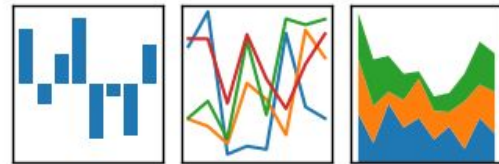
Get Your Blog On

Data Science Curriculum Overview

Phase 1

- Coding in Python and SQL

- Data Manipulation and Analysis

- Data Gathering

$$y_{it} = \beta' x_{it} + \mu_i + \epsilon_{it}$$
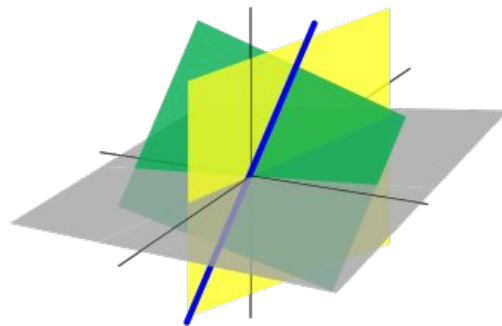
Data Science Curriculum Overview

Phase 2

- Statistical Modeling
- Linear Regression

Data Science Curriculum Overview

Phase 3

- The Math behind Machine Learning
- Classification Algorithms
- Building Modeling Pipelines

Data Science Curriculum Overview

Phase 4

- Big Data
- Recommendation Systems
- Time Series Modeling
- Natural Language Processing
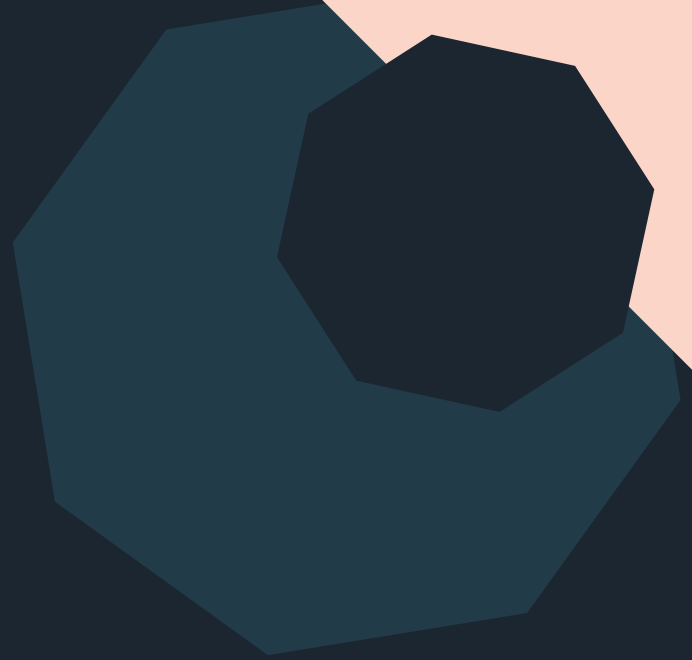- Neural Networks
- AWS

Data Science Curriculum Overview

Phase 5

- CAPSTONE

Setting Yourself Up For Success

How to Show Up:
We Before Me

BE PROFESSIONAL, CONSIDERATE AND RESPECTFUL - ALWAYS

REFRAIN FROM DEMEANING, DISCRIMINATORY, OR HARASSING BEHAVIOR AND SPEECH

CREATE A POSITIVE IMPACT & LASTING IMPRESSION ON EVERYONE AROUND
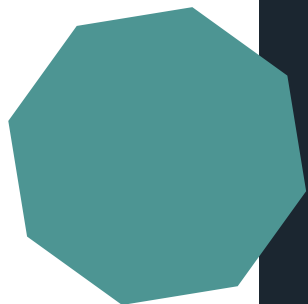
PARTICIPATE IN AN AUTHENTIC AND ACTIVE WAY

TREAT THIS EXPERIENCE LIKE IT'S A JOB

This applies to all Flatiron School spaces: in-person and online

Professional Development & Job Training

Teaching Methods

- Office hours
- Lectures (live and recorded)
- Curriculum (lessons and labs)
- Paired Programming

Student Responsibilities

- Attending and watching Lectures
- Canvas course completion
- Blogs
- Code Challenges
- Projects

Professional Development

LinkedIn, Meetups, Career Coaching workshops, online presence development, etc.

Personal Empowerment Protocol

This is an important framework in general for debugging / working through problems.

Remote learning makes it even more vital!

Reading errors, looking up problems, and collaborating with peers are **essential skills.**

Get practice with them before asking us!

PERSONAL EMPOWERMENT PROTOCOL

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1. READ THE ERROR
2. GOOGLE THE PROBLEM
3. ASK A NEIGHBOR
4. ASK A TEACHER

Imposter Syndrome

Any Questions?

For the rest of today:

11:30am - 1:00pm ET: 1st Lecture
- Data Science Toolkit

1:00 - 2:00pm ET: Lunch

2:00pm - 3:00pm ET: Canvas Lessons
- Topic 1 Priorities

3 - 4:30pm ET: 2nd Lecture
- Intro to Terminal

5:00 - 6:00pm ET: Program Orientation

6:30 - 7:00pm ET: Stand Down

Get stuck? Post in our cohort Slack channel!