

# ***Welcome!***

Online Data Science Bootcamp

Feb. 22nd, 2021

// **FLATIRON SCHOOL**



# Agenda

## **Introduction to Student Systems**

- Flatiron Student Portal
- Canvas

## **Curriculum Roadmap**

## **Your Support Team**

- Cohort Lead
- Educational Coach

## **Expectations**

- Code of Conduct
- Graduation Requirements
- Portfolio Projects + Blog
- Phase Repeat Policy

## **Community**

- Slack

## **Getting Started**

# Student Systems

These are the 2 student facing systems for administrative work and the curriculum

## Flatiron School Student Portal

User Login credentials, Enrollment Forms

## Canvas

Program Information, Technical Learning, Assessment submissions






**Welcome! Please sign in to your Flatiron School account.**


Invalid email or password.

Email Address



Password

[Forgot password?](#)



Sign in



Sign in with Github

Don't have an account? Please [sign up](#).

Unsure if you have an account? [Do an account check](#).



## Flatiron School Onboarding

Please review and sign the following documents. These documents must be signed before your first day of instruction. This material will familiarize you with Flatiron School, our culture and details about your enrollment in your designated program. You can find more details about our policies and operating procedures in the documents below.



Catalog Acknowledgement

[VIEW](#)



Catalog

[VIEW](#)



Enrollment Agreement

[VIEW](#)

Home



Courses



Manage Account



Your Profile



Documents



Log Out



### Have questions?

Contact us at [admissions@flatironschool.com](mailto:admissions@flatironschool.com), or give us a call at (888) 958-0569 from Monday through Friday 9-5pm EST.

# Two groups of courses in



BP - DS Homeroom (Online FT Pilot)  
BP - PILOT - ONL - DS - FT - H...



Homeroom Course



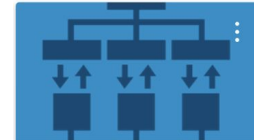
Data Science - Phase 1  
DS-P1



Data Science - Phase 2  
DS-P2



Data Science - Phase 3  
[DS-P3](#)















Data Science - Phase 4  
DS-P4



Phase Courses

## Essential Links

-  [Cohort Folder](#) 
  - Contains cheat Sheets, resources, study group recordings from all instructors, etc.
- Study Group Related Links:
  -  [\[022221FT\] Cohort Study Group Recordings](#) 
  -  Cohort Notes Repo: [Coming Soon!](#)
  -  [Questions for Study Group Gdoc](#)  
- Scheduling Links:
  -  [Schedule a 1 on 1 with your instructor, James](#) 
  -  [Schedule a Coaching Session with Ed Coach, Dara](#) 

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## Cohort Calendar (EST)

- Our **Cohort-Specific Events are in Red**. All other events are community events.

### Bootcamp Schedule

Today   Feb 14 – 20, 2021 



DS - ONL - PT - 110920

Collapse All

Home

Discussions

Grades

IllumiDesk

Modules

People

Quizzes

▼ Topic 0: Welcome

Complete All Items



**Welcome**

Mark done



▼ Topic 1: Getting Started with Data Science

Complete All Items



**Getting Started with Data Science - Introduction**

Mark done



**Problems Data Science Can Solve**

Mark done



**The Data Science Process**

Mark done



**Setting up a Professional Data Science Environment - Introduction**

Mark done



**Setting up a Professional Data Science Environment - MacOS Installation**

Mark done







# Roadmap

*What we'll be learning.*

## Phase 1

Introduction to Data with Python and SQL

## Phase 2

Statistics, Hypothesis testing, and Linear Regression

## Phase 3

Machine Learning

## Phase 4

Big Data, Deep Learning and Natural Language Processing

## Phase 5

Capstone

A **phase** is one four-week section of the curriculum

### **Weeks 1 - 3\*:**

- Lessons & Labs on Canvas
  - 4 Topics/week
  - 1 Study Group/Topic

### **Week 4:**

- Project Week
  - Study Groups become Project Office Hours

*\* Phases 1-4 only. Phase 5 is 100% project time!*



# Overall Phase Timeline

Statistics, Hypothesis testing,  
and Linear Regression

**Phase 2**  
**Weeks 5 - 8**

Big Data, Deep Learning, &  
Natural Language Processing

**Phase 4**  
**Weeks 13 - 16**

**Phase 1**  
**Weeks 1 - 4**

Introduction to Data with  
Python and SQL

**Phase 3**  
**Weeks 9 - 12**

Machine Learning

**Phase 5**  
**Weeks 17 - 20**

Capstone

Cohort Launch  
2/22

FEB

Cohort Break  
4/19-4/23

APR

Career Coaching  
Begins  
6/21

Holiday  
6/18

JUN

Graduation  
Ceremony  
8/12

AUG

MAR

MAY

Holiday  
5/31

JUL

Holiday  
7/5

Graduation  
7/16-7/30  
(on-time window)

Full-time Timeline  
**5 months**

A DAY IN THE LIFE

# Weekly Assignments + Study Groups - Full Time

- Must complete sections by end of week (unless marked as BONUS)

New lessons released to Canvas	2pm EST: Study Group	2pm EST: Study Group 4:00 pm EST: Feelings Friday!	Weekly lessons completed
MONDAY	WEDNESDAY	FRIDAY	SUNDAY

## TUESDAY

2pm EST: Study Group

## THURSDAY

2pm EST: Study Group

## SATURDAY

Werk Werk  
Werk Werk :)

40+ hours/week

# What we're really learning? How to think like a data scientist.

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As Data Scientists we **do not need to memorize every line of code** we have used. Instead, we need to **become experts in finding the information we need** for our current task.

We need to **remember the tools in our toolkit, when we would want to use them**, and where to go to learn/remind ourselves how to apply them.

# Why??



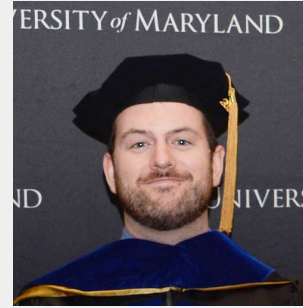
## PERSONAL EMPOWERMENT PROTOCOL



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

# Your Support Team

*We've got your back.*



**James Irving**  
Baltimore, MD  
(he/him)



**Dara Paoletti**  
Phoenix, AZ  
(she/her)

## **Cohort Lead**

Your Instructor. Lead study groups and weekly 1:1s

## **Community Coach**

Community Lead. Your go-to non-technical partner.

Together, they will facilitate your learning experience, and work as a team to make sure you are set up for success!



WEEKLY, STARTING IN WEEK 2.

# 1:1s with your Cohort Lead

## ASK QUESTIONS

Come prepared by bringing a list of questions. This is your meeting, and up to you to make the most of it!

## KNOWLEDGE CHECKS

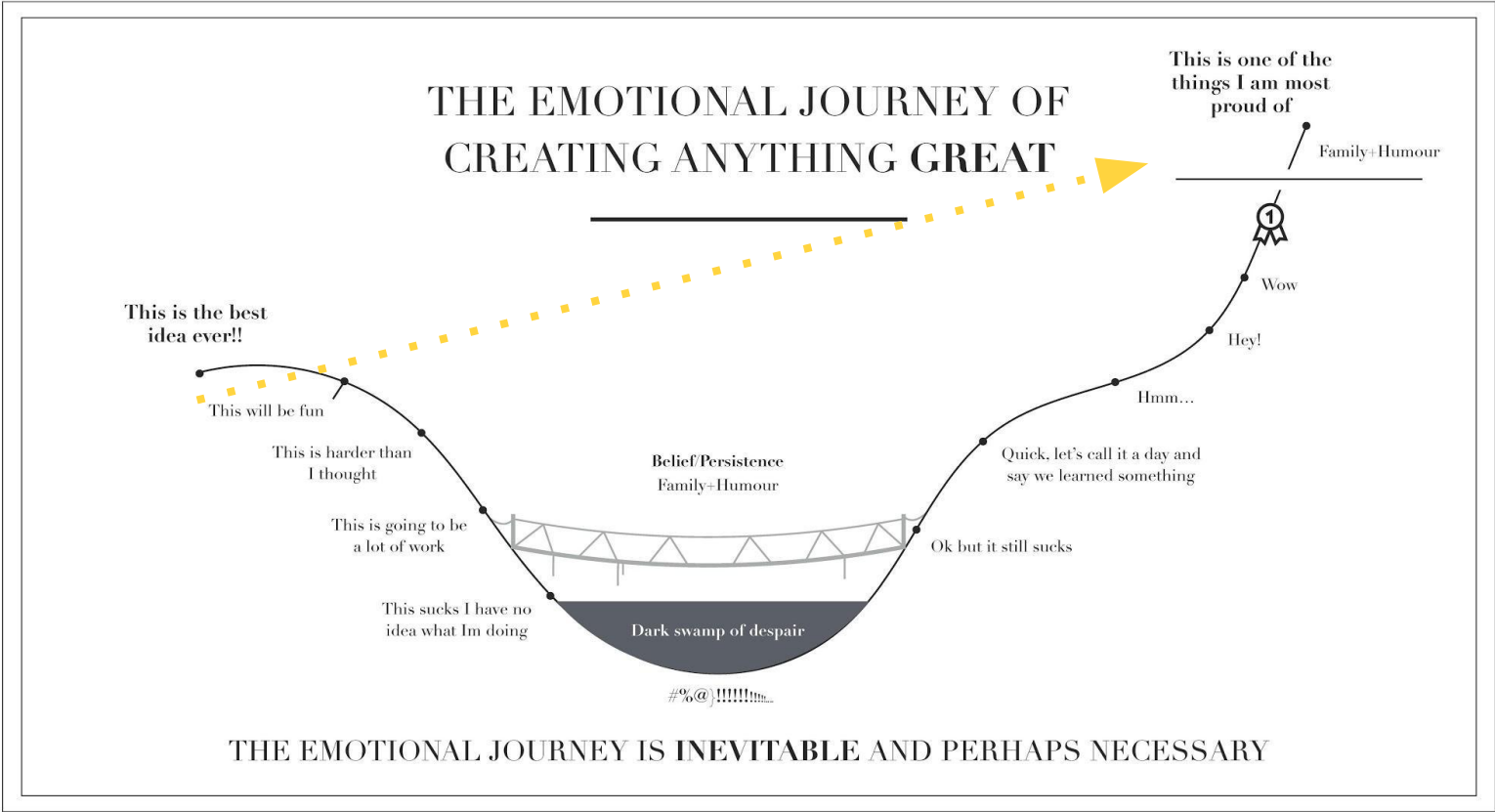
We'll ask questions to help assess how you're doing with understanding the material, and provide feedback and guidance on key topics to focus on.

## PAIR PROGRAM

Live coding and practice pairing.

SUPPORT + CHALLENGE YOU

# Community Coaching



SUPPORT + CHALLENGE YOU

# Community Coaching

## Office Hours

**This Week** - Meet Your Classmates!

**Week 2** - Getting Started as an Online Student

**Week 3** - Non-Technical Presentation Skills

**Week 4** - Phase 1 Project Presentation Practice

YOUR COMMUNITY COACH CAN HELP YOU . . .

# Set Yourself Up for Success!

## STUDY HABITS

- Manage common challenges: procrastination, motivation & perfectionism.
- Develop learning strategies that will follow you into your career.
- Manage time and energy and build a sustainable study process.

## PROFESSIONALISM

- Practice presenting in a professional setting.
- Learn how to apply constructive feedback to grow your skills.
- Build and develop your authentic professional presence.

## COMMUNITY

- Build your network of peer support that will continue into future career.
- Develop your interpersonal skills and make genuine connections with peers
- Build a practice of asking for help and using your community as a professional resource.

# Expectations

*To set you up for success.*

## **Code of Conduct**

Be nice!

## **Graduation Requirements**

Success :)

## **Weekly Assignments + Study Groups**

## **Blogging**

Build your credibility as a technical professional

## **Portfolio Projects**

Conclude each major curriculum section

## **Phase Repeat Policy**

Stay on track with your cohort

BE NICE

# Code of Conduct

*Be considerate, respectful, and collaborative with one another.*

*Refrain from demeaning, discriminatory, or harassing behavior and speech.*

*Create a positive impact on everything around you.*

*Participate in an authentic and active way.*

*Consider it your duty to help lift up learners who are struggling, to encourage them, to help them along.*



# Graduation Requirements




- Publish 4 blog posts
- Pass all 5 project reviews (in order)



GET YOUR BLOG ON

# Bloggging

▼ Milestones Instructions
 <b>Bloggging Overview</b>
 <b>Blog Requirements &amp; Submission</b>

▼ Blog Posts
 <b>Blog Post #1</b> 0 pts
 <b>Blog Post #2</b> 0 pts
 <b>Blog Post #3</b> 0 pts
 <b>Blog Post #4</b> 0 pts



# Portfolio Projects

*Put what you've learned into practice.*

## Technical Requirements

Must meet a set of requirements

## Build Your Portfolio

Start building your credibility as a technical professional.

## Know your Due Dates

You'll have 2 weeks from the project due date to pass your review.

# Project Reviews

*Review and receive feedback on your work.*

## Sharpen Your Presentation Skills

You'll gain experience presenting your findings to a non-technical audience.

## Talk About Your Code

Explain your code from execution to exit point, along with the thought process that went into it. Use the best technical vocab that you can.

## Receive Feedback

Real-time feedback to help you improve.

# Phase Repeat Policy

*What if I can't keep up with my cohort or don't pass my project review?*

At the end of each phase of a curriculum, students are required to pass a final assessment to demonstrate mastery of the content covered in that phase and preparedness to move forward into the following phase.

If a student fails to pass an evaluation within the allotted time frame, they will be required to repeat that phase in full by transferring to a new cohort. There is no additional charge to repeat one phase once.

Terms of this repeat (and options for changing paces) will vary based on which version of the Catalog you signed at enrollment. You can view your documents by visiting the "Documents" Section of your Flatiron School Portal.



# Community

*We're in this together.*

## Slack

Our “water cooler”  
Daily Stand-Ups  
Q&A

## Zoom Open Classroom

Open 24/7

<http://bit.ly/3drFPIS>

HOW WE TALK TO EACH OTHER

# Slack



A tool we use to talk to each other. **Slack is organized in channels** – allowing you to participate in the groups that are relevant to you.

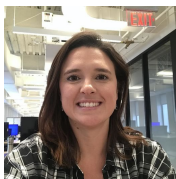
Your cohort has its own slack channel.

Tag **@ds-support-squad** when posting questions and someone from our team will get back to you asap (during normal business hours)!

If you've not already done so, say hello!

WE'RE HERE TO HELP

# Flatiron's Online Data Science Team



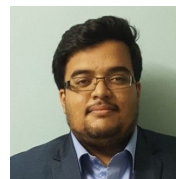
**Amber**  
Atlanta, GA



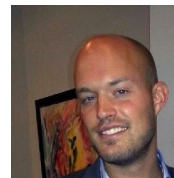
**Lindsey**  
Houston, TX



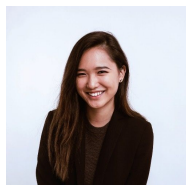
**Victor**  
Concord, CA



**Abhineet**  
New York, NY



**Ben**  
Atlanta, GA



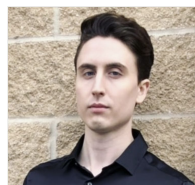
**Yish**  
New York, NY



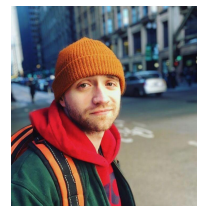
**James**  
Baltimore, MD



**Jeff**  
Kansas City, MO



**Matt**  
Columbus, OH



**Joél Collins**  
Chicago, IL

READY TO ROLL?

# Checklist for Week 1



## ***Getting Started***

- ☐ Meet Your Classmates
- ☐ Say hello in Slack 🙌
  - ☐ Bonus if you use a gif
- ☐ Schedule:
  - ☐ Your first 1:1 with your Cohort Lead
- ☐ Review your cohort calendar and save the dates.  
Take note of your project due dates, in particular.
- ☐ Get started on your lessons / labs!

## See you on the Internet!

Code, code, code,  
code, code, code,  
ode, code, code,  
code, code, code.

