

Program Introduction

Welcome to Data Science!

Agenda

- Day-to-day expectations
- Program tools
- Assessment details
- Setting yourself up for success

Your Squad



Mark Barbour



Lindsey Berlin



Angelica (Jelly)
Spratley



Diane Tunnicliffe

Day-to-Day Expectations



Weeks 1 & 2

“The
Normal
Weeks”

MON	TUE	WED	THU	FRI
4	5	6	7	8
<p>[Introduction] Program E 9am, https://flatironschool.zo...</p> <p>[Break], 10am</p> <p>[Introduction] Orientation 10:15am, https://flatironsch...</p> <p>[Canvas Time], 11:15am</p> <p>Lunch 12pm, https://flatironsch...</p> <p>The Secret to Your Flatir 1pm, https://flatironscho...</p> <p>[Lecture] Data Science & 2 – 3:30pm https://flatironschool.zo...</p> <p>[Canvas Time], 3:30pm</p> <p>[Office Hours] Environme 4pm, https://flatironscho...</p> <p>[Canvas Time], 5pm</p> <p>Stand Down, 5:30pm, https://flatironsch...</p>	<p>Stand Up, 9am, https://flatir...</p> <p>[Break], 9:15am</p> <p>[Canvas Tim 田 1:1s with 9:30 – 11am</p> <p>[Assessment] Checkpoi 9:30am, https://flatironsch...</p> <p>[Canvas Time], 10:15am</p> <p>[Lecture] Introducing 11am – 12:30pm https://flatironschool.zo...</p> <p>Lunch 12:30pm, https://flatironsch...</p> <p>New Studen 1pm, https://flatironsch...</p> <p>[Canvas Tim 田 1pm, https://flatironsch...</p> <p>[Lecture] Introducing Git 2:15 – 3:45pm https://flatironschool.zo...</p> <p>[Canvas Time] 3:45 – 5:30pm</p> <p>Stand Down, 5:30pm, https://flatironsch...</p>	<p>Stand Up, 9am, https://flatir...</p> <p>[Break], 9:15am</p> <p>[Assessment] Checkpoi 9:30 – 11am</p> <p>[Canvas Time], 10:15am</p> <p>[Lecture] Creating 11am – 12:30pm https://flatironschool.zo...</p> <p>Lunch 12:30pm, https://flatironsch...</p> <p>[Lecture] Python Data 1:30 – 3pm https://flatironschool.zo...</p> <p>[Canvas Time], 3pm</p> <p>[Pair Programming: Prev 3:30pm, https://flatironsch...</p> <p>Stand Down, 4:45pm, https://flatironsch...</p> <p>[Canvas Time] 5 – 6pm</p>	<p>Stand Up, 9am, https://flatir...</p> <p>[Break], 9:15am</p> <p>[Canvas Tim 田 1:1s with 9:30 – 11am</p> <p>[Assessment] Data Seria 9:30am, https://flatironsch...</p> <p>[Checkpoint Review, 10:1 [Break], 10:45am</p> <p>[Lecture] Pandas 11am – 12:30pm https://flatironschool.zo...</p> <p>Lunch 12:30pm, https://flatironsch...</p> <p>[Lecture] Data Analysis 1:30 – 3pm https://flatironschool.zo...</p> <p>[Canvas Time], 3pm</p> <p>[Pair Programming] ★ Data Serialization 3:30 – 5:30pm https://flatironschool.zo...</p> <p>Feelings Friday 4:30pm, https://flatironsch...</p> <p>[Canvas Time], 5:30pm</p>	<p>Stand Up, 9am, https://flatir...</p> <p>[Break], 9:15am</p> <p>[Assessment] Data Seria 9:30 – 11am</p> <p>[Checkpoint Review, 10:1 [Break], 10:45am</p> <p>[Lecture] Pandas 11am – 12:30pm https://flatironschool.zo...</p> <p>Lunch 12:30pm, https://flatironsch...</p> <p>[Lecture] Data Analysis 1:30 – 3pm https://flatironschool.zo...</p> <p>[Canvas Time], 3pm</p> <p>[Pair Programming] ★ ED 3:30pm, https://flatironsch...</p>
<p>New Student Mixer 7pm, https://flatironsch...</p>				

Weeks 1 & 2

Stand Ups and Stand Downs

MON	TUE	WED	THU	FRI
4	5	6	7	8
[Introduction] Program Enrollment, 9am, https://flatironschool.com/j/94956212584? [Break], 10am	[Stand Up, 9am, https://flatironschool.com/j/94956212584? [Break], 9:15am] [Canvas Time] 1:1s with 9:30 – 11am [New Student Mixer, 1pm, https://flatironschool.com/j/94956212584?]	[Stand Up, 9am, https://flatironschool.com/j/94956212584? [Break], 9:15am] [Assessment] Checkpoint Review, 10:15am [Canvas Time], 10:15am	[Stand Up, 9am, https://flatironschool.com/j/94956212584? [Break], 9:15am] [Canvas Time] 1:1s with 9:30 – 11am [Lecture] Data Analysis 11am – 12:30pm https://flatironschool.zo om.us/i/94956212584? [Lunch] 12:30pm, https://flatironschool.com/j/94956212584? [Lecture] Python Data 1:30 – 3pm https://flatironschool.zo om.us/i/94956212584? [Canvas Time], 3pm [Pair Programming: Preview] 3:30pm, https://flatironschool.com/j/94956212584? [Stand Down, 4:45pm, https://flatironschool.com/j/94956212584? [Canvas Time] 5 – 6pm]	[Stand Up, 9am, https://flatironschool.com/j/94956212584? [Break], 9:15am] [Assessment] Data Series, 10:15am [Checkpoint Review, 10:15am] [Lecture] Pandas 11am – 12:30pm https://flatironschool.zo om.us/i/94956212584? [Lunch] 12:30pm, https://flatironschool.com/j/94956212584? [Lecture] Data 1:30 – 3pm https://flatironschool.zo om.us/i/94956212584? [Canvas Time], 3pm [Pair Programming] ★ Data Serialization 3:30 – 5:30pm https://flatironschool.zo om.us/j/94956212584? [Feelings Friday] 4:30pm, https://flatironschool.com/j/94956212584? [Canvas Time], 5:30pm
[Introduction] Orientation, 10:15am, https://flatironschool.com/j/94956212584?	[Canvas Time], 11:15am	[Canvas Time], 10:15am	[Canvas Time], 11:15am	[Canvas Time], 11:15am
Lunch 12pm, https://flatironschool.com/j/94956212584?	Lunch 12pm, https://flatironschool.com/j/94956212584?	Lunch 12:30pm, https://flatironschool.com/j/94956212584?	Lunch 12:30pm, https://flatironschool.com/j/94956212584?	Lunch 12:30pm, https://flatironschool.com/j/94956212584?
The Secret to Your Flatiron Success, 1pm, https://flatironschool.com/j/94956212584?	[Lecture] Introducing Git, 2:15 – 3:45pm https://flatironschool.zo om.us/i/94956212584? [Canvas Time], 3:30pm [Office Hours] Environment, 4pm, https://flatironschool.com/j/94956212584? [Canvas Time], 5pm	New Student Mixer, 1pm, https://flatironschool.com/j/94956212584? [Canvas Time], 3pm [Lecture] Introducing Git, 2:15 – 3:45pm https://flatironschool.zo om.us/i/94956212584? [Canvas Time] 3:45 – 5:30pm	[Lecture] Data Analysis 11am – 12:30pm https://flatironschool.zo om.us/i/94956212584? [Lunch] 12:30pm, https://flatironschool.com/j/94956212584? [Lecture] Python Data 1:30 – 3pm https://flatironschool.zo om.us/i/94956212584? [Canvas Time], 3pm [Pair Programming: Preview] 3:30pm, https://flatironschool.com/j/94956212584? [Stand Down, 4:45pm, https://flatironschool.com/j/94956212584? [Canvas Time] 5 – 6pm]	[Lecture] Data Analysis 11am – 12:30pm https://flatironschool.zo om.us/i/94956212584? [Lunch] 12:30pm, https://flatironschool.com/j/94956212584? [Lecture] Data 1:30 – 3pm https://flatironschool.zo om.us/i/94956212584? [Canvas Time], 3pm [Pair Programming] ★ Data Serialization 3:30 – 5:30pm https://flatironschool.zo om.us/j/94956212584? [Feelings Friday] 4:30pm, https://flatironschool.com/j/94956212584? [Canvas Time], 5:30pm
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New Student Mixer
7pm, https://flatironschool.com/j/94956212584?

Stand Ups and Stand Downs



We will check in and check out every day.

We take attendance! (refer to attendance policy)

Stand ups/downs might include:

- Answering icebreaker questions
- Sharing struggles and successes
- Presenting blog posts
- Communicating events and deadlines
- Solving Python or SQL problems

Weeks 1 & 2

Lectures

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		Stand Down, 4:45pm, https://flatironsch... [Canvas Time] 5 – 6pm	Stand Down, 4:45pm, https://flatironsch... [Canvas Time] 5 – 6pm	Stand Down, 5:30pm, https://flatironsch... [Canvas Time], 5:30pm

New Student Mixer
7pm, <https://flatironsch...>

Lectures



Classroom shared with other students.

We take attendance! (refer to attendance policy)

There **WILL** be code exercises and it **WILL** be interactive!

Plan to:

- Have lecture content open and ready on your computer (we'll show you how)
- Attend on time with cameras on
- Ask questions! Participate!

Cohort Repository

AKA where to find all lecture content!

We will go over how to access materials from this repository in Week 1.

flatiron-school / DS-Live-040422 Public

Code Issues Pull requests Actions Projects Wiki Security Insights

main 1 branch 0 tags Go to file Add file

lindseyberlin Fix typo 4e24ab0 16 hours ago 3 c
.gitignore Initial commit 17 hours ago
LICENSE Initial commit 17 hours ago
README.md Fix typo 16 hours ago

README.md

DS-Live-040422's Cohort Repository!

A repository for all lecture, review, or other resources for the Flatiron School's Live Data Science 040422 Coho

Weeks 1 & 2

Pair Programming

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<p>New Student Mixer 7pm, https://flatironschool.zo...</p>				

Pair Programming



Pair programming helps you practice verbalizing what you want to accomplish prior to writing code. It also allows you to view a peer's coding style and approach to problems.

Driver:

- Loads up the lab and shares screen
- Responds to instructions provided by Navigator and enters code into cells

Navigator:

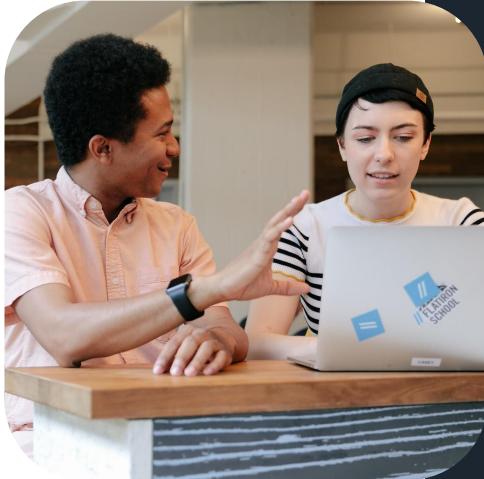
- Instructs the Driver on the approach to take to solve the problem / complete the lab
- Suggests code implementation

Weeks 1 & 2

Individual Check Ins

MON	TUE	WED	THU	FRI
4	5	6	7	8
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<p>New Student Mixer 7pm, https://flatironsch...</p>				

Individual Check Ins



Check in with your instructor or your coach!

Discuss your understanding, review labs or checkpoints, and otherwise check in on your progress through the program.

Sign up for 1:1s using the **appointment slots**.

Would recommend **at least one** check in with an instructor or coach per phase.

Weeks 1 & 2

Career Workshops

MON

11

TUE

12

WED

13

THU

14

FRI

15

Blog Post 1 Due

Stand Up, 9am, <https://flatironschool.zo>
[Break], 9:15am

[Assessment] EDA with P

Checkpoint Review, 10:1
[Break], 10:45am

[Lecture] Pandas Data
11am – 12:30pm
<https://flatironschool.zo>
om.us/i/94956212584?

Lunch
12:30pm, <https://flatiron>

[Lecture] Aggregating
1:30 – 3pm
<https://flatironschool.zo>
om.us/i/94956212584?

[Canvas Time], 3pm

[Pair Programming] ★
Pandas Data Cleaning -
3:30 – 5:30pm
<https://flatironschool.zo>
om.us/j/94956212584?

Stand Down, 5:30pm, ht

Stand Up, 9am, <https://flatironschool.zo>
[Break], 9:15am

[Assessment] Data Clear

Checkpoint Review, 10:1
[Break], 10:45am

[Lecture] Descriptive
11am – 12:30pm
<https://flatironschool.zo>
om.us/i/94956212584?

Lunch
12:30pm, <https://flatiron>

[Lecture] SQL Queries
1:30 – 3pm
<https://flatironschool.zo>
om.us/i/94956212584?

[Canvas Time], 3pm

[Pair Programming] ★
SQL -
3:30pm, <https://flatiron>

Career Workshop #1 - En
5pm, <https://flatironscho>

Tech in Twenty | The Full

Guest Speaker - Victo
7 – 8pm

Code Challenge 1

Stand Up, 9am, <https://flatironschool.zo>
[Break], 9:15am

[Canvas Time], 9:30am

[Assessment] Phase 1
Code Challenge
10am – 12pm
<https://flatironschool.zo>
om.us/j/94956212584?

[Canvas Time], 12pm

Lunch
12:30pm, <https://flatiron>

[Lecture] SQL
1:30 – 3pm
<https://flatironschool.zo>
om.us/i/94956212584?

[Canvas Time]

3 – 5:30pm

Stand Down, 5:30pm, ht

Stand Up, 9am, <https://flatironschool.zo>
[Break], 9:15am

[Assessment] SQL Check

Checkpoint Review, 10:1
[Break], 10:45am

[Lecture] Web Scraping
11am – 12:30pm
<https://flatironschool.zo>
om.us/i/94956212584?

Lunch
12:30pm, <https://flatiron>

[Lecture] APIs
1:30 – 3pm
<https://flatironschool.zo>
om.us/i/94956212584?

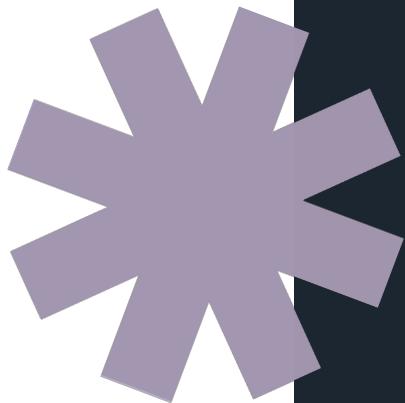
[Introduction] Phase 1 Pr
3:15pm, <https://flatirons>

[Break], 4:15pm

Feelings Friday
4:30pm, <https://flatirons>

[Canvas Time], 5:30pm

Career Workshops



Five workshops - one in each Phase.

Designed to help you learn more about your professional tech identity, online branding, networking, resume, and kicking off your job search.

These are **mandatory** - and there may be related Canvas assignments due after the workshops in order to pass that Phase.

Weeks 1 & 2

Community Events

MON	TUE	WED	THU	FRI
4	5	6	7	8
<p>[Introduction] Program E 9am, https://flatironschool.zo...</p> <p>[Break], 10am</p> <p>[Introduction] Orientation 10:15am, https://flatironsch...</p> <p>[Canvas Time], 11:15am</p> <p>Lunch 12pm, https://flatironsch...</p> <p>The Secret to Your Flatir 1pm, https://flatironscho...</p> <p>[Lecture] Data Science & 2 – 3:30pm https://flatironschool.zo...</p> <p>[Canvas Time], 3:30pm</p> <p>[Office Hours] Environme 4pm, https://flatironscho...</p> <p>[Canvas Time], 5pm</p> <p>Stand Down, 5:30pm, ht</p>	<p>Stand Up, 9am, https://flatir...</p> <p>[Break], 9:15am</p> <p>[Canvas Tim 田 1:1s with 9:30 – 11am</p> <p>[Assessment] Checkpoi 9:30am, https://flatir...</p> <p>[Canvas Time], 10:15am</p> <p>[Lecture] Introducing 11am – 12:30pm https://flatironschool.zo...</p> <p>Lunch 12:30pm, https://flatironsch...</p> <p>[Canvas T 1pm, https://flatir...</p> <p>[Lecture] Introducing Git 2:15 – 3:45pm https://flatironschool.zo...</p> <p>[Canvas Time]</p> <p>Stand Down, 5:30pm, ht</p>	<p>Stand Up, 9am, https://flatir...</p> <p>[Break], 9:15am</p> <p>[Assessment] Checkpoi 9:30 – 11am</p> <p>[Canvas Time], 10:15am</p> <p>[Lecture] Creating 11am – 12:30pm https://flatironschool.zo...</p> <p>Lunch 12:30pm, https://flatironsch...</p> <p>[Canvas Time], 3pm</p> <p>[Pair Programming: Prev 3:30pm, https://flatirons...</p> <p>Stand Down, 4:45pm, https://flatir...</p> <p>[Canvas Time] 5 – 6pm</p>	<p>Stand Up, 9am, https://flatir...</p> <p>[Break], 9:15am</p> <p>[Canvas Tim 田 1:1s with 9:30 – 11am</p> <p>[Assessment] Data Seria 9:30am, https://flatir...</p> <p>[Checkpoint Review, 10:1 [Break], 10:45am</p> <p>[Lecture] Pandas 11am – 12:30pm https://flatironschool.zo...</p> <p>Lunch 12:30pm, https://flatironsch...</p> <p>[Canvas Time], 3pm</p> <p>[Pair Programming] ★ Data Serialization 3:30 – 5:30pm https://flatironschool.zo...</p> <p>Feelings Friday 4:30pm, https://flatironsch...</p> <p>[Canvas Time], 5:30pm</p>	<p>Stand Up, 9am, https://flatir...</p> <p>[Break], 9:15am</p> <p>[Assessment] Data Seria 9:30 – 11am</p> <p>[Checkpoint Review, 10:1 [Break], 10:45am</p> <p>[Lecture] Pandas 11am – 12:30pm https://flatironschool.zo...</p> <p>Lunch 12:30pm, https://flatironsch...</p> <p>[Canvas Time], 3pm</p> <p>[Pair Programming] ★ ED 3:30pm, https://flatirons...</p>
<p>New Student Mixer 7pm, https://flatironscho...</p>				

Community Events



Community events are exactly that - optional events designed to connect you with your peers and support you during your Flatiron School journey.

These include workshops and guest speakers - but also yoga and happy hours.

Events that are especially relevant will be copied over to the Cohort calendar - all other community events can be found on the Community Events calendar.

Weeks 1 & 2

Canvas Time

MON	TUE	WED	THU	FRI
4	5	6	7	8
[Introduction] Program E 9am, https://flatironschool.org [Break], 10am	Stand Up, 9am, https://flatironschool.org [Break], 9:15am [Canvas Time] 1:1s with 9:30 – 11am	Stand Up, 9am, https://flatironschool.org [Break], 9:15am [Assessment] Checkpoint [Canvas Time], 10:15am	Stand Up, 9am, https://flatironschool.org [Break], 9:15am [Canvas Time] 1:1s with 9:30 – 11am	Stand Up, 9am, https://flatironschool.org [Break], 9:15am [Assessment] Data Serie Checkpoint Review, 10:1 [Break], 10:45am
[Introduction] Orientation 10:15am, https://flatironschool.org				[Lecture] Pandas 11am – 12:30pm https://flatironschool.zo om.us/i/94956212584?
[Canvas Time], 11:15am				Lunch 12:30pm, https://flatironsch
Lunch 12pm, https://flatironsch				Lunch 12:30pm, https://flatironsch
The Secret to Your Flatir 1pm, https://flatironsch	New Studen 1pm, https://flatironsch			Lunch 12:30pm, https://flatironsch
[Lecture] Data Science & 2 – 3:30pm https://flatironschool.zo om.us/i/94956212584?	[Canvas Time] 3:30pm	[Lecture] Python Data 1:30 – 3pm https://flatironschool.zo om.us/i/94956212584?	[Lecture] Data Analysis 1:30 – 3pm https://flatironschool.zo om.us/i/94956212584?	[Lecture] Data 1:30 – 3pm https://flatironschool.zo om.us/i/94956212584?
[Canvas Time], 3:30pm	[Lecture] Introducing Git 2:15 – 3:45pm https://flatironschool.zo	[Canvas Time], 3pm	[Canvas Time], 3pm	[Canvas Time], 3pm
[Office Hours] Environme 4pm, https://flatironsch	[Canvas Time] 3:45 – 5:30pm	[Pair Programming: Prev 3:30pm, https://flatironsch	[Pair Programming] ★ Data Serialization 3:30 – 5:30pm https://flatironschool.zo om.us/j/94956212584?	[Pair Programming] ★ Data Serialization 3:30 – 5:30pm https://flatironschool.zo om.us/j/94956212584?
[Canvas Time], 5pm	Stand Down, 5:30pm, https://flatironsch	Stand Down, 4:45pm, https://flatironsch [Canvas Time] 5 – 6pm	Stand Down, 5:30pm, https://flatironsch	Feelings Friday 4:30pm, https://flatironsch [Canvas Time], 5:30pm
Stand Down, 5:30pm, https://flatironsch				

New Student Mixer
7pm, <https://flatironsch>

Canvas Time

Also known as **Personal Working Time**.

Focus on Priority Lessons - and **do not** try to do every single lesson and lab!

Quizzes on Canvas are there as checks for understanding - they **DO NOT** count as official assessments, but are a reference for you to make sure you're getting what you need from the written materials.

Lesson Priorities



- ▼ Topic 1: Getting Started with Data Science
 - [Topic 1 Lesson Priorities \(Live\)](#)
 - [Getting Started with Data Science - Introduction](#)
Mark done
 - [The Data Science Process](#)
View
 - [Problems Data Science Can Solve](#)
View
 - [PEP8](#)
0 pts | Mark done
 - [Data Privacy and Data Ethics](#)
View
 - [Quiz: Data Science Basics](#)
5 pts | Score at least 3.0

Topic 1 Lesson Priorities (Live)

If you have not completed all of the content from Pre-Work, you should do so as soon as possible. Proficiency with the content from the Pre-Work is required to follow along with the lectures and other activities. If you have any questions about Pre-Work material, please reach out to your instructor for support.

For a reminder of how to use these lesson priorities, see [How to Use Lesson Priorities \(Live\)](#)

Priorities to Complete Before Data Science Environments Lecture

Lesson

Getting Started with Data Science - Introduction

The Data Science Process

Problems Data Science Can Solve

PEP8

Data Privacy and Data Ethics

Quiz: Data Science Basics

Priorities to Complete After Data Science Environments Lecture

Lesson

Priority

1st

2nd

2nd

1st

2nd

1st

Program Tools



Canvas



Homeroom

Programmatic Content:

- Cohort Calendar
- Program resources and information
- Surveys



Phase

Textbook and Workbook:

- Lessons
- Labs
- Quizzes (not graded!)

Plus: Access Illumidesk & Pair with a TC

Homeroom

Accessing the Calendar



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.

EAST-DS-040422 & Community Events

Today Apr 3 – 9, 2022 ▾

Sun 4/3	Mon 4/4	Tue 4/5	Wed 4/6	Thu 4/7	Fri 4/8	Sat 4/9
9am 10am 11am 12pm 1pm 2pm	9 - 10 [Introduction] https://flatironsch 10 - [Break] 10:15 - 10:30 - [Intro] 11:15 - 12p [Canvas Time] 12p - 1p Lunch 1p - 2p 1p - 2p The SeeThe https://fl 2p - 3:30p [Lecture] Data Science & DS	9 - Stand Up 9:15 - [B] [Canvas Time] 9:30 - 1p [Assessment] 10:15 - 11 [Canvas Time] 11 - 12:30p [Lecture] 12:30p - 1:30p Lunch 1p - 2p New New 2:15p - 3:45p [Lecture]	9 - Stand Up 9:15 - [B] [Canvas Time] 9:30 - 1p [Assessment] 10:15 - 11 [Canvas Time] 11 - 12:30p [Lecture] 12:30p - 1:30p Lunch 1p - 2p New New 2:15p - 3:45p [Lecture]	9 - Stand Up 9:15 - [B] [Canvas Time] 9:30 - 1p [Assessment] 10:15 - 11 [Canvas Time] 11 - 12:30p [Lecture] 12:30p - 1:30p Lunch 1p - 2p New New 2:15p - 3:45p [Lecture]	9 - Stand Up 9:15 - [B] [Assessment] 9:30 - 1p [Assessment] 10:15 - 11 [Break] 10:45 - [Break] 11 - 12:30p [Lecture] 12:30p - 1:30p Lunch 1p - 2p New New 2:15p - 3:45p [Lecture]	9 - Stand Up 9:15 - [B] [Assessment] 9:30 - 1p [Assessment] 10:15 - 11 [Break] 10:45 - [Break] 11 - 12:30p [Lecture] 12:30p - 1:30p Lunch 1p - 2p New New 2:15p - 3:45p [Lecture]

Print Week Month Agenda ▾

Phase Course

Accessing IllumiDesk



- Home
- Discussions
- Grades
- IllumiDesk** 2
- Modules
- People
- Quizzes
- Assignments

▼ Topic 3: Data Analysis in Base Python Prerequisites: Unlock Course [Complete All Items](#)

[Topic 3 Lesson Priorities \(Live\)](#)

[Data Analysis in Base Python - Introduction](#)
Mark done

[Python Data Manipulation Exit Ticket](#)
1 pts | Submit

[Data Visualization Exit Ticket](#)
1 pts | Submit

[File Input and Output in Python](#) 1
0 pts | Mark done

[CSV](#)
0 pts | Mark done

[Quiz: Data Analysis with Base Python](#)
5 pts | Score at least 3.0

[Data Analysis with CSVs Exit Ticket](#)
1 pts | Submit

Navigating IllumiDesk

The screenshot shows the IllumiDesk web application. At the top, there is a navigation bar with links: Files (highlighted with a green border), Running, Clusters, Assignments (highlighted with a red border), Courses, and Nbextensions. On the right side of the header are Logout and Control Panel buttons. Below the header, there is a message: "Select items to perform actions on them." To the right of this message are buttons for Upload, New, and a copy icon. A file list table follows, containing a single entry: "dsc-running-jupyter-locally-lab" (with a checkmark and a folder icon) and its details: Name (down arrow), Last Modified (a minute ago), and File size.

Files

Every Jupyter Notebook opened through an assignment link from Canvas lives in your **Files tab**, and will save your work

Assignments

All of our Checkpoints and Code Challenges will be conducted in IllumiDesk, and you'll be able to access both the assessment and feedback through the **Assignments tab**.

Accessing Labs

Every lesson and lab is stored on GitHub - it's also where you can find lab solutions!

We'll teach you how to easily download GitHub repositories soon - so, should you do labs locally or in IllumiDesk?

Short answer: **both!**
Each method has their pros and cons.

Advantages of Working Locally



- Practice using Git / GitHub → in-demand skills!
- Forking labs on GitHub contributes to a robust, 'green' commit history
- Content is more accessible after the program
- More 'real world'

Advantages of Working on IllumiDesk



- Ease of use
- No environment issues
- Fully integrated into Canvas

Assessment Details



Weeks 1 & 2

Blog Posts

MON

11

TUE

12

WED

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15

Blog Post 1 Due

Stand Up, 9am, <https://flatironschool.zo>
[Break], 9:15am

[Assessment] EDA with P

Checkpoint Review, 10:1
[Break], 10:45am

[Lecture] Pandas Data
11am – 12:30pm
<https://flatironschool.zo>
om.us/i/94956212584?

Lunch
12:30pm, <https://flatiron>

[Lecture] Aggregating
1:30 – 3pm
<https://flatironschool.zo>
om.us/i/94956212584?

[Canvas Time], 3pm

[Pair Programming] ★
Pandas Data Cleaning -
3:30 – 5:30pm
<https://flatironschool.zo>
om.us/j/94956212584?

Stand Down, 5:30pm, ht

Stand Up, 9am, <https://flatir>
[Break], 9:15am

[Assessment] Data Clear

Checkpoint Review, 10:1
[Break], 10:45am

[Lecture] Descriptive
11am – 12:30pm
<https://flatironschool.zo>
om.us/i/94956212584?

Lunch
12:30pm, <https://flatiron>

[Lecture] SQL Queries
1:30 – 3pm
<https://flatironschool.zo>
om.us/i/94956212584?

[Canvas Time], 3pm

[Pair Programming] ★ S
3:30pm, <https://flatiron>

Stand Down, 4:45pm, <https://flatironschool.zo>
Career Workshop #1 - End
5pm, <https://flatironschool.zo>

Tech in Twenty | The Hur

Guest Speaker - Victo
7 – 8pm

Code Challenge 1

Stand Up, 9am, <https://flatir>
[Break], 9:15am

[Canvas Time], 9:30am

[Assessment] Phase 1
Code Challenge
10am – 12pm
<https://flatironschool.zo>
om.us/j/94956212584?

[Canvas Time], 12pm

Lunch
12:30pm, <https://flatiron>

[Lecture] SQL
1:30 – 3pm
<https://flatironschool.zo>
om.us/i/94956212584?

[Canvas Time]

3 – 5:30pm

Stand Down, 5:30pm, ht

Stand Down, 5:30pm, ht

Stand Up, 9am, <https://flatir>
[Break], 9:15am

[Assessment] SQL Check

Checkpoint Review, 10:1
[Break], 10:45am

[Lecture] Web Scraping
11am – 12:30pm
<https://flatironschool.zo>
om.us/i/94956212584?

Lunch
12:30pm, <https://flatiron>

[Lecture] APIs
1:30 – 3pm
<https://flatironschool.zo>
om.us/i/94956212584?

[Introduction] Phase 1 Pr

3:15pm, <https://flatirons>

[Break], 4:15pm

Feelings Friday

4:30pm, <https://flatirons>

[Canvas Time], 5:30pm

Blog Posts



Building a web presence demonstrating your data science chops is **essential** in the job search.

To help you do so, you will be required to write **4 blog posts**: 1 for each phase (except Capstone).

Blog posts will be due on **second Monday** of the phase.

We will **present** our blogs to each other during check-outs after the blog post due dates.

That's right - first blog post is **due next week!**

First blog post topic:
Why did you decide to learn data science?

Potential elements to include:

- Your past educational or career experience
- How you learned about data science
- Any particular data science-related projects that you find especially exciting
- How you chose Flatiron School
- What you're hoping to do with data science in the future

Weeks 1 & 2

Checkpoints

MON

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15

	Blog Post 1 Due		Code Challenge 1	
	Stand Up, 9am, https://flatironschool.zo... [Break], 9:15am [Assessment] EDA with Pandas	Stand Up, 9am, https://flatironschool.zo... [Break], 9:15am Assessment] Data Cleaning	Stand Up, 9am, https://flatironschool.zo... [Break], 9:15am [Canvas Time] 1:1s with pairs 9:30 – 11am	Stand Up, 9am, https://flatironschool.zo... [Break], 9:15am [Assessment] SQL Checkpoint
	Checkpoint Review, 10:15am [Break], 10:45am [Lecture] Pandas Data 11am – 12:30pm https://flatironschool.zo...om.us/i/94956212584?	Checkpoint Review, 10:15am [Break], 10:45am [Lecture] Descriptive Statistics 11am – 12:30pm https://flatironschool.zo...om.us/i/94956212584?	[Lecture] SQL Joins and PIVOT 11am – 12:30pm https://flatironschool.zo...om.us/i/94956212584?	Stand Up, 9am, https://flatironschool.zo... [Break], 9:15am [Assessment] Phase 1 Code Challenge 10am – 12pm https://flatironschool.zo...om.us/j/94956212584?
	Lunch 12:30pm, https://flatironschool.zo...	Lunch 12:30pm, https://flatironschool.zo...	Lunch 12:30pm, https://flatironschool.zo...	Lunch 12:30pm, https://flatironschool.zo...
	[Lecture] Aggregating 1:30 – 3pm https://flatironschool.zo...om.us/i/94956212584?	[Lecture] SQL Queries 1:30 – 3pm https://flatironschool.zo...om.us/i/94956212584?	[Review] Code Challenge Practice 1:30 – 3:30pm https://flatironschool.zo...om.us/j/94956212584?	[Lecture] SQL 1:30 – 3pm https://flatironschool.zo...om.us/i/94956212584?
	[Canvas Time], 3pm	[Canvas Time], 3pm	[Canvas Time] 3:30 – 5:30pm	[Canvas Time] 3 – 5:30pm
	[Pair Programming] ★ Pandas Data Cleaning - 3:30 – 5:30pm https://flatironschool.zo...om.us/j/94956212584?	[Pair Programming] ★ SQL 3:30pm, https://flatironschool.zo...		[Introduction] Phase 1 Project 3:15pm, https://flatironschool.zo...
	Stand Down, 5:30pm, https://flatironschool.zo...	Stand Down, 4:45pm, https://flatironschool.zo... Career Workshop #1 - End of Day 5pm, https://flatironschool.zo...	Stand Down, 5:30pm, https://flatironschool.zo...	Feelings Friday 4:30pm, https://flatironschool.zo...
		Tech in Twenty The Hungry Algorithm		[Canvas Time], 5:30pm
		 Guest Speaker - Victoria 7 – 8pm		

Checkpoints



Mini-assessments that occur about twice per week to check your understanding and key proficiencies.

You will have your own breakout room in Zoom with 30-45 minutes to complete the checkpoint.

Checkpoints give you a chance to practice coding in a time-boxed session without the pressure - **these assessments are NOT used to judge whether you progress through the program!**

Weeks 1 & 2

Code Challenges

MON

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15

Blog Post 1 Due

Stand Up, 9am, <https://flatironschool.zo...>
[Break], 9:15am

[Assessment] EDA with P

Checkpoint Review, 10:1
[Break], 10:45am

[Lecture] Pandas Data
11am – 12:30pm
<https://flatironschool.zo...>
[om.us/i/94956212584?](https://flatironschool.zo...)

Lunch
12:30pm, <https://flatiron...>

[Lecture] Aggregating
1:30 – 3pm
<https://flatironschool.zo...>
[om.us/i/94956212584?](https://flatironschool.zo...)

[Canvas Time], 3pm

[Pair Programming] ★
Pandas Data Cleaning -
3:30 – 5:30pm
<https://flatironschool.zo...>
[om.us/j/94956212584?](https://flatironschool.zo...)

Stand Down, 5:30pm, ht

Stand Up, 9am, <https://flatironschool.zo...>
[Break], 9:15am

[Assessment] Data Clear

Checkpoint Review, 10:1
[Break], 10:45am

[Lecture] Descriptive
11am – 12:30pm
<https://flatironschool.zo...>
[om.us/i/94956212584?](https://flatironschool.zo...)

Lunch
12:30pm, <https://flatiron...>

[Lecture] SQL Queries
1:30 – 3pm
<https://flatironschool.zo...>
[om.us/i/94956212584?](https://flatironschool.zo...)

[Canvas Time], 3pm

[Pair Programming] ★
SQL - Pandas Data Cleaning -
3:30pm, <https://flatiron...>

Stand Down, 4:45pm, <https://flatironschool.zo...>
Career Workshop #1 - End
5pm, <https://flatironscho...>

Tech in Twenty | The Hur

Guest Speaker - Victoria
7 – 8pm

Code Challenge 1

Stand Up, 9am, <https://flatironschool.zo...>
[Break], 9:15am

[Canvas Time], 9:30am, 1:1s with

9:30 – 11am, <https://flatironschool.zo...>

[Assessment] Phase 1
Code Challenge
10am – 12pm
<https://flatironschool.zo...>
[om.us/j/94956212584?](https://flatironschool.zo...)

[Canvas Time], 12pm

Lunch
12:30pm, <https://flatiron...>

[Lecture] SQL
1:30 – 3pm
<https://flatironschool.zo...>
[om.us/i/94956212584?](https://flatironschool.zo...)

[Canvas Time]

3 – 5:30pm

Stand Down, 5:30pm, ht

Stand Up, 9am, <https://flatironschool.zo...>
[Break], 9:15am

[Assessment] SQL Check

Checkpoint Review, 10:1
[Break], 10:45am

[Lecture] Web Scraping
11am – 12:30pm
<https://flatironschool.zo...>
[om.us/i/94956212584?](https://flatironschool.zo...)

Lunch
12:30pm, <https://flatiron...>

[Lecture] APIs
1:30 – 3pm
<https://flatironschool.zo...>
[om.us/i/94956212584?](https://flatironschool.zo...)

[Introduction] Phase 1 Pr

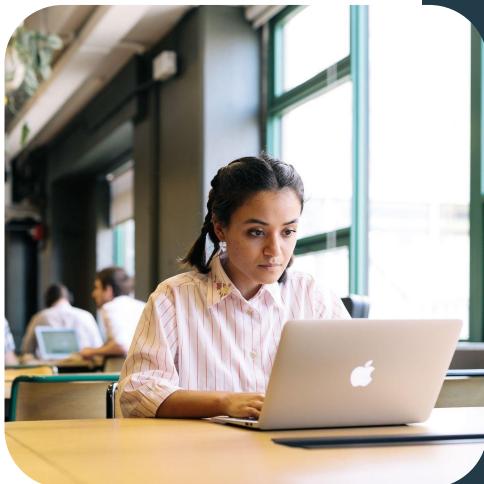
3:15pm, <https://flatironschool.zo...>

[Break], 4:15pm

Feelings Friday
4:30pm, <https://flatironschool.zo...>

[Canvas Time], 5:30pm

Code Challenges



End-of-phase challenges that simulate real-world workflows or technical interviews.

Occur on the **second Thursday** of the phase.

This will feel just like the checkpoints, but you will have **1 hour 30 minutes** to complete the code challenge.

This is one place where no collaboration is allowed. We encourage you to ask instructors questions, but these are **your own work**.



Graded Assignment Protocol

- Assessments are **open book**
(ok to reference labs, lectures, and Google)
- **No copy and pasting** code
- **No screen sharing or messaging** with peers
during assignments
- **Exit break out room** after submission

Evaluating Student Progress

In order to advance through the program, we need to know that you have **mastered the essentials.**

If you do not pass the code challenge, you will have the opportunity to demonstrate your readiness to move on through the completion of a graded, solo project.

The final pass/not pass assessment happens at the end of each phase.

Week 3

Project Week

MON

18

TUE

19

WED

20

THU

21

FRI

22

Project 1 Due				
<p>Stand Up, 9am, https://flatironschool.zo... [Project Time] 9:15am – 12:30pm [Office Hours] Phase 1 10am, https://flatironschool.zo...</p>	<p>Stand Up, 9am, https://flatironschool.zo... [Project Time] 9:15am – 12:30pm</p>	<p>Stand Up, 9am, https://flatironschool.zo... [Project Time] 9:15am – 12:30pm [Office Hours] Phase 1 10am, https://flatironschool.zo...</p>	<p>Stand Up, 9am, https://flatironschool.zo... [Project Time] 9:15am – 12:30pm</p>	<p>Stand Up, 9am, https://flatironschool.zo... [Project Time] 9:15am – 12:30pm</p>
<p>Lunch 12:30pm, https://flatironschool.zo...</p>	<p>Lunch 12:30pm, https://flatironschool.zo...</p>	<p>Lunch 12:30pm, https://flatironschool.zo...</p>	<p>Lunch 12:30pm, https://flatironschool.zo...</p>	<p>Lunch 12:30pm, https://flatironschool.zo...</p>
<p>[Project Time] 1:30 – 5:30pm Group Check 2 – 4pm https://flatironschool.zo...</p>	<p>[Project Time] 1:30 – 5:30pm</p>	<p>[Project Time] 1:30 – 5:30pm</p>	<p>[Review] Presentation 1:30 – 3pm https://flatironschool.zo... /i/94956212584?</p>	<p>[Assessment] Phase 1 1:30 – 3pm https://flatironschool.zo... /i/94956212584?</p>
<p>Stand Down, 5:30pm, https://flatironschool.zo...</p>	<p>Stand Down, 5:30pm, https://flatironschool.zo...</p>	<p>Stand Down, 5:30pm, https://flatironschool.zo...</p>	<p>Data Science 4 – 6pm https://flatironschool.zo...</p>	<p>Feelings Friday 4:30pm, https://flatironschool.zo...</p>
			<p>Stand Down, 5:30pm, https://flatironschool.zo...</p>	<p>[Canvas Time], 5:30pm</p>

Projects



Either solo or in groups, you will **tackle real problems** to develop portfolio-ready projects you can showcase to potential employers.

Your project will consist of both **technical** and **non-technical deliverables**.

Project presentations are a chance to gain experience presenting your findings to a non-technical audience.

The requirements for each project will be outlined in the rubric, which we will go over during the project launch.

Setting Yourself Up for Success



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

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

Giving Feedback:

C - A - S - K



Consensual

If someone isn't in a good space to receive feedback, it won't stick and it won't help.

Actionable

Outline ways to change or act on the feedback, instead of saying something vague like "this is bad".

Specific

Give examples when you can, to anchor your feedback in a real way to the experience you had which prompted the feedback.

Kind

The goal is to help someone improve, not to belittle others.



Any Questions?