



# Psyc 60: INTRO TO STATISTICS

Prof. Judith Fan  
Spring 2022

# REMINDERS & ANNOUNCEMENTS

**If you recently joined the class & are trying to get caught up, Welcome! Please check Canvas for Week 1 announcements.** If after working through the items in these announcements you still have questions, please reach out to one of your TAs over Slack.

Go to: <https://psyc60.github.io/>

Find out who your  
TA is using this table!

## Teaching Team

Name	Role	Section ID	Section Time	Office Hours
Judith Fan	Instructor	N/A	N/A	Thurs 11am-12pm in <u>Zoom</u>
Simran Barnwal	TA	75428 (A05)	Wed 2pm	Wed 3:30pm-4:30pm in <u>Zoom</u>
Amy Fox	TA	75424 (A01), 75425 (A02)	Tues 11am, Tues 12pm	TBD in <u>Zoom</u>
Holly Huey	TA	75429 (A06), 75430 (A07)	Thurs 5pm , Fri 10am	Thurs 11am-12pm in <u>Zoom</u>
Zoe Tait	TA	75424 (A01)	Tues 11am	Thurs 11am-12PM in <u>Zoom</u>
Vryan Feliciano	TA	75430 (A07)	Fri 10am	Wed 4pm-5pm at MOM Caf
Lea Bronnimann	TA	75427 (A04)	Wed 10am	Wed 11am-12pm at MOM C
Justin Yang	TA	75426 (A03)	Tues 1pm	Tues 2pm-3pm in <u>Zoom</u>

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**If you recently joined the class & are trying to get caught up, Welcome! Please check Canvas for Week 1 announcements.** If after working through the items in these announcements you still have questions, please reach out to one of your TAs over Slack.

**Starting this week, some discussion sections will meet in a new location.** Please check the course website to know whether section has moved.

# Starting this week, some discussion sections will meet in a new location.

Go to: <https://psyc60.github.io/>

Class	Time	Location
Lecture	Tues/Thurs 9:30am-10:50am	MOS 0114
Section 75424 (A01)	Tues 11am	McGill 1350
Section 75425 (A02)	Tues 12pm	McGill 1350
Section 75426 (A03)	Tues 1pm	Mandler 1539
Section 75427 (A04)	Wed 10am	Mandler 1539
Section 75428 (A05)	Wed 2pm	Mandler 1539
Section 75429 (A06)	Thurs 5pm	McGill 1350
Section 75430 (A07)	Fri 10am	Mandler 1539

# LAST TIME

## LAB 1A: JUPYTER NOTEBOOKS

1



2



3

*How labs  
are going  
to work*

*Break out  
into  
lab groups*

*Complete daily  
feedback  
survey*

Want real-time help?  
(1) Flag a member of  
teaching team down!  
(2) Post to #lab-assignments

We'll be using the same  
lab groups today, so please  
check which group you  
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Link is in the  
course syllabus

# SINCE LAST TIME

## Schedule

1. Complete Practice Quiz 1 in Canvas (24-hour window)

Week	Date	Mon	Tues	Wed	Thurs	Fri
1	Mar 28		<b>Welcome</b> <u>Before:</u> None <u>During:</u> Survey		<b>Intro to Jupyter</b> <u>Before:</u> Chapter 0&1 <u>During:</u> Lab 1A	<b>Practice Quiz 1</b> Project Milestone 0 Due (Generate Variables)
2	Apr 4		<b>Intro to R</b> <u>Before:</u> Chapter 2 <u>During:</u> Lab 1B		<b>Exploring data</b> <u>Before:</u> None <u>During:</u> Lab 1C	Quiz 1 Project Milestone 1 Due (Complete survey)



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2	Apr 5		<b>Intro to R</b> <u>Before:</u> Chapter 2 <u>During:</u> Lab 1B	<b>Exploring data</b> <u>Before:</u> None <u>During:</u> Lab 1C	Quiz 1	Project Milestone 1 Due (Complete survey)

2. Work through Chapter 2 in CourseKata



# DUE THIS WEEK

## Schedule

Week	Date	Mon	Tues	Wed	Thurs	Fri
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2	Apr 5	<b>Intro to R</b> <u>Before:</u> Chapter 2 <u>During:</u> Lab 1B		<b>Exploring data</b> <u>Before:</u> None <u>During:</u> Lab 1C	Quiz 1	Project Milestone 1 Due (Complete survey)

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# DUE THIS WEEK

## Schedule

Note that you have until NEXT Friday, April 15 to submit Lab 1. You have plenty of time to get help. But also feel free to submit early!

Week	Date	Mon				
1	Mar 29	<b>Welcome</b> <u>Before:</u> None <u>During:</u> Survey	<b>Intro to Jupyter</b> <u>Before:</u> Chapter 0&1 <u>During:</u> Lab 1A	<b>Practice Quiz 1</b>	<b>Project Milestone 0 Due</b> (Generate Variables)	
2	Apr 5	<b>Intro to R</b> <u>Before:</u> Chapter 2 <u>During:</u> Lab 1B	<b>Exploring data</b> <u>Before:</u> None <u>During:</u> Lab 1C	<b>Quiz 1</b>	<b>Project Milestone 1 D</b> (Complete survey)	

# PRACTICE QUIZ 1

⌚ Average Score

**84%**

📈 High Score

**100%**

📉 Low Score

**10%**

⊖ Standard Deviation

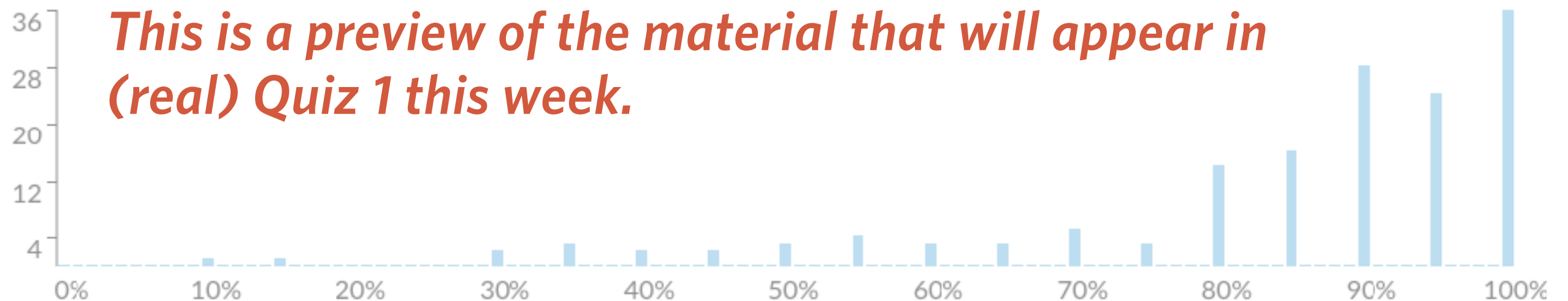
**1.9**

🕒 Average Time

**05:09**

***Great work!***

***This is a preview of the material that will appear in (real) Quiz 1 this week.***



# TODAY

## LAB 1B: INTRODUCTION TO R

1



2



3

*Reminder of  
how lab  
groups work*

*Break out  
into  
lab groups*

*Complete daily  
feedback  
survey*

Want real-time help?  
(1) Flag a member of  
teaching team down!  
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We'll be using the same  
lab groups today, so please  
check which group you  
were in last Thursday!

Link is in the  
course syllabus

2

*Break out into lab groups*

**You will be completing 5 labs throughout the course.**

Lab 1

Lab 2

Lab 3

Lab 4

Lab 5



2

## *Break out into lab groups*

**You will be completing 5 labs throughout the course.**

Lab 1

Lab 2

Lab 3

Lab 4

Lab 5

1A

1B

1C

2A

2B

2C

3A

3B

3C

4A

4B

4C

5A

5B

**Each lab will consist of 2-3 parts (e.g., 1A, 1B, 1C).**

## 2

*Break out into lab groups*

You will be completing 5 labs throughout the course.

Lab 1

Lab 2

Lab 3

Lab 4

Lab 5

1A

1B

1C

2A

2B

2C

3A

3B

3C

4A

4B

4C

5A

5B

Each lab will consist of 2-3 parts (e.g., 1A, 1B, 1C).

Each day of "lecture," we will generally be working on one of these parts. Today we're working on Lab 1A.

### Schedule

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2	Apr 4		<b>Intro to R</b> <u>Before:</u> Chapter 2 <u>During:</u> Lab 1B		<b>Exploring data</b> <u>Before:</u> None <u>During:</u> Lab 1C	Quiz 1 Project Milestone 1 Due (Complete survey)

1

## *How labs are going to work*

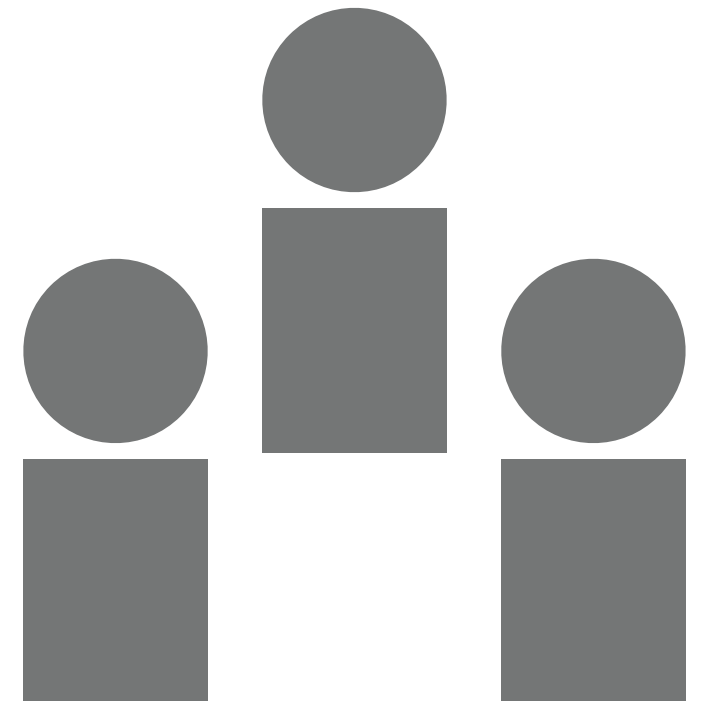
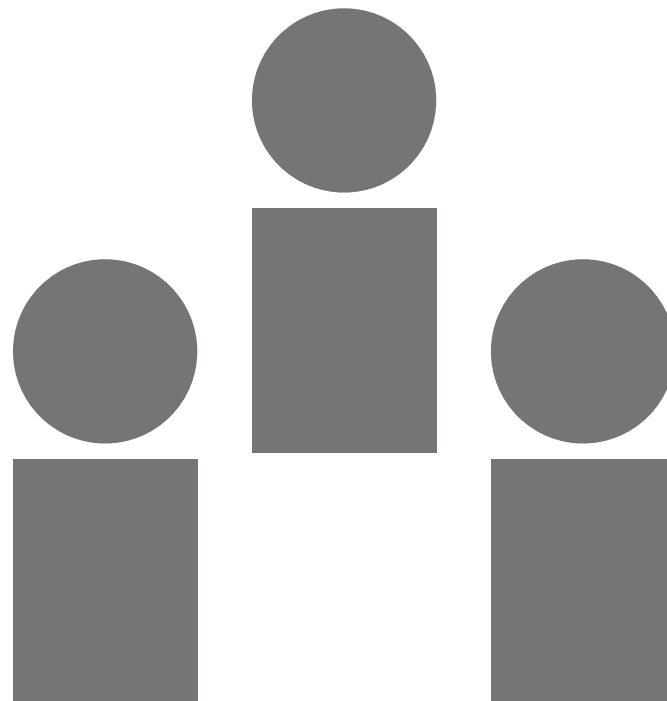
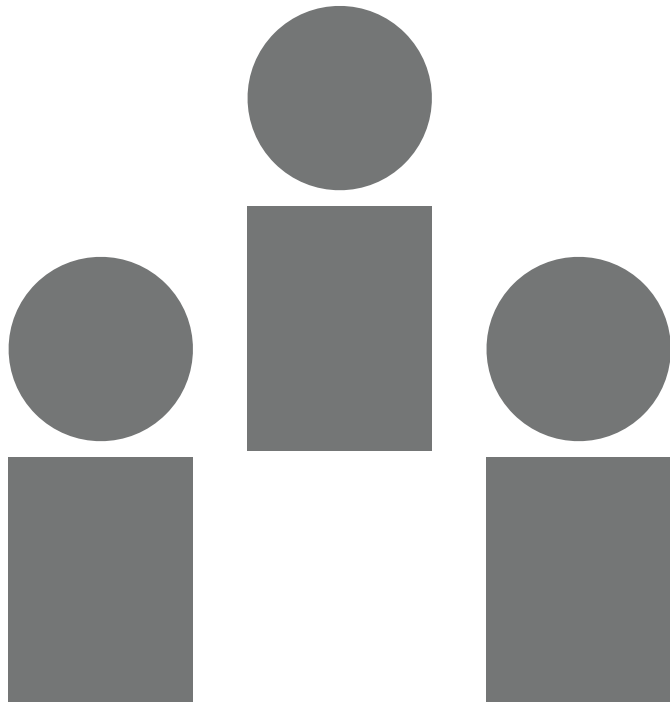
**Each time we will break out into groups of 2-4.**

Lab 1

1A

1B

1C



1

## *How labs are going to work*

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Lab 1

1A

1B

1C

**Aim to work  
with the same group for all  
assignments  
(i.e., 1A, 1B, & 1C)  
within a lab.**

And then form a new  
group for each new  
lab cycle!

1

## *How labs are going to work*

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**Lab 1**

1A

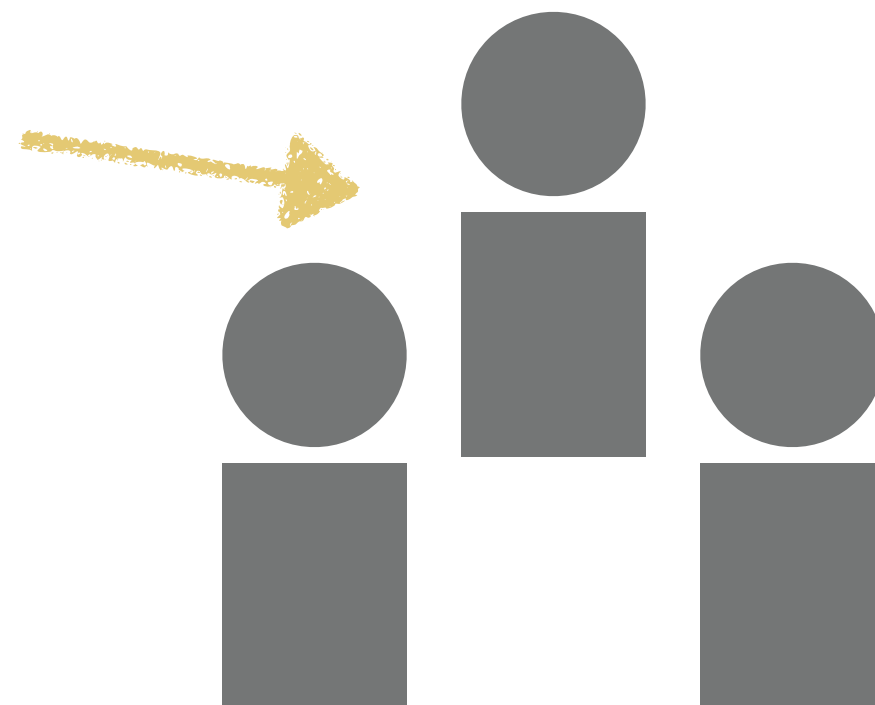
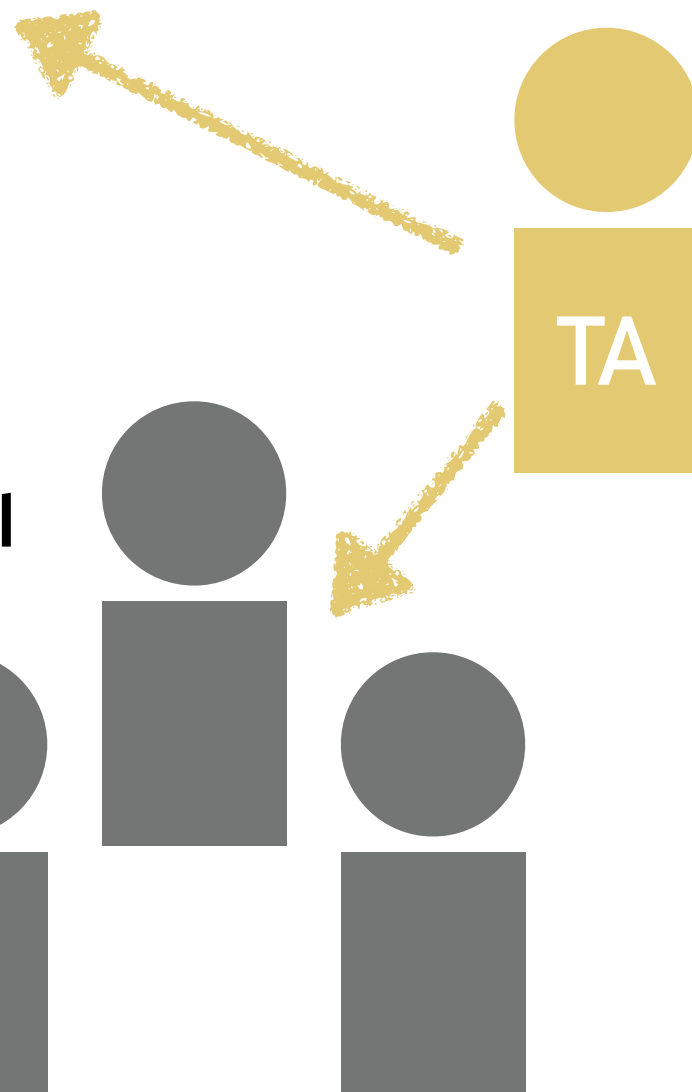
1B

1C

**Members of the teaching team will be moving around the room to help you.** If you want help, and we haven't gotten to your group yet, please also consider posting your question on the **#lab-assignments** Slack channel.

**Aim to work with the same group for all assignments (i.e., 1A, 1B, & 1C) within a lab.**

And then form a new group for each new lab cycle!



1

## *How labs are going to work*

### Lab 1

1A

1B

1C

**If your group finishes early, flag the Instructor or a TA down to say 'hi.' (don't leave class yet!)** We'll ask you to share something that you learned and/or found challenging in the lab. Then channel that into your daily feedback survey response!

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### Lab 1

1A

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1C

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**If you're consistently sailing through these labs quickly, and looking for more of a challenge, come talk to Dr. Fan.** I'm always happy to talk to you about ways to deepen your experience with these tools, get involved in scientific research where you'll get to further develop your stats knowledge/skills, etc.



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**Note that everyone needs to submit their own completed Lab 1 (containing A, B, & C) on DataHub.** Please see the submission instructions on the "Labs" section of the course website. Lab 1 is due Apr 15 but you are allowed to (even encouraged to!) submit early.

1

# How labs are going to work

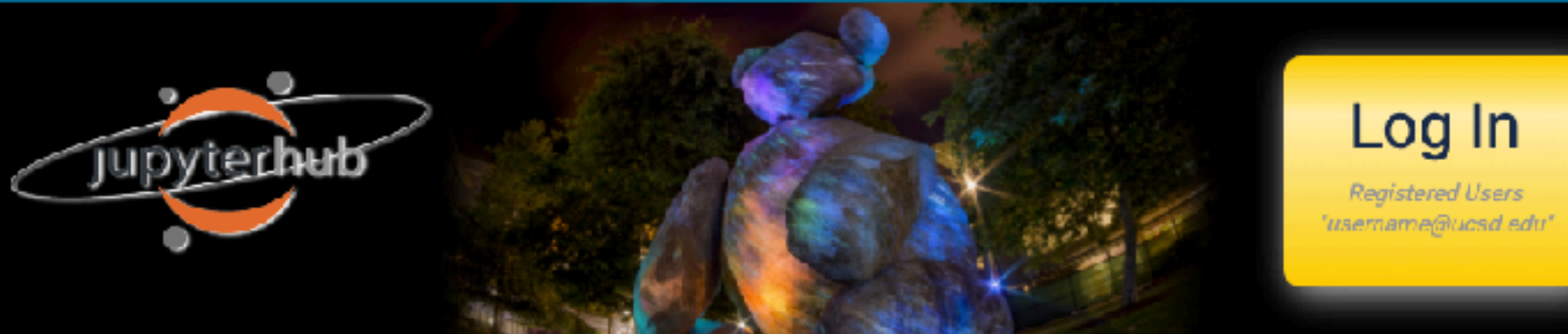


## DATA SCIENCE / MACHINE LEARNING PLATFORM

UC San Diego

Information Technology Services - Educational Technology Services

Help - FAQ



## UC San Diego Jupyterhub (Data Science) Platform

*If you are unable to log in: Please try opening a private/incognito window in your browser | [FAQ](#)*

### Student Resources

- [Datahub/DSMLP Cluster Status \(new!\)](#)
- [Independent Study Access Request](#)
- [Data Science Resources](#)
- [Datahub/DSMLP General Support](#)
  - [Launching from the Command Line](#)
  - [Creating Custom Containers](#)
  - [Transferring Files and Data](#)

### Faculty Resources

- [Request Datahub/DSMLP - Instructional Technology Request \(CINFO\)](#)
- [Datahub/DSMLP Service Offerings](#)
- [Educational Technology Services Instructional Github](#)
- [Blink Documentation](#)
- [Datahub Grading Tools](#)
  - [nbgrader](#)
  - [Otter-Grader](#)

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## Student Daily Feedback Survey

Go to: <https://psyc60.github.io/syllabus>

### Feedback

We welcome student feedback. You can provide feedback to your TA a Slack message, or complete the form.

### Acknowledgements

Many thanks to Prof. Ji Son, Prof. James Stigler, everyone in the UCLA Teaching and Learning Lab, Prof. Russ Poldrack and Prof. Tobias Gerstenberg for generously sharing their instructional materials.

Please complete the linked daily feedback survey. The purpose of this survey is to better understand how things are going for you in this class, and to reflect on what you have been learning.

Before leaving class, please complete daily feedback survey!

#### Grading

CourseKata Modules  
(40% of your grade)

Final Project (28% of  
your grade)

Labs (20% of your  
grade)

Quizzes (10% of your  
grade)

SONA Study  
Participation (2% of  
your grade)

#### Grading

What We Expect  
From Everyone

Student Background  
Survey

**Student Daily  
Feedback Survey**

Feedback

Acknowledgements

# PSYC 60: How was class today?

Hi there!

I would love to know about your experience in today's class. Could you please take 2 minutes to answer the following few questions? It will be hugely useful for helping me know what is working well, what isn't, and how to keep improving this class.

Best,  
Prof. Fan

jefan@ucsd.edu [Switch account](#)



Your email will be recorded when you submit this form

\* Required

How are you finding the pace of this class so far? \*

	1	2	3	4	5	6	7	
Much too slow	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Much too fast

Do you feel like you are learning new things? \*

	1	2	3	4	5	6	7	
Not learning anything new	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Learning lots of new things