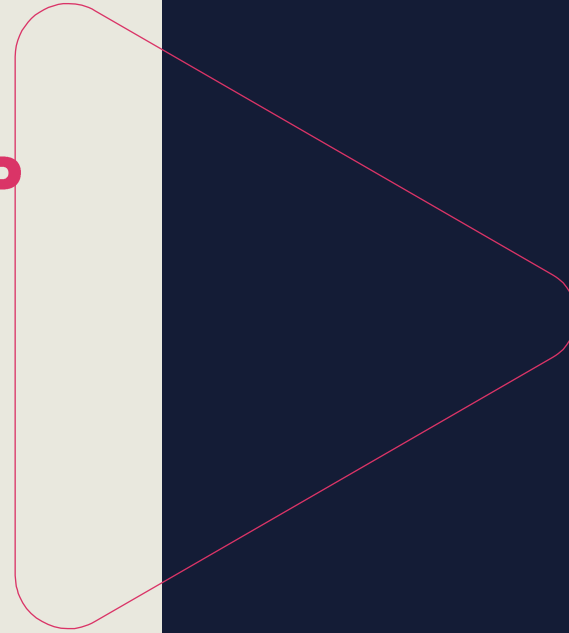


# DATA WRANGLING IN PYTHON: ACCESSING BOOTCAMP RESOURCES



# Percipio

- Log into your Percipio site
- Search for :  
“data wrangling in python bootcamp”

The screenshot shows the Skillsoft Percipio website interface. At the top, the Skillsoft logo is on the left, and a 'Library' dropdown menu is next to it. On the right, there's a search bar with the text 'Data wrangling in python' entered. To the right of the search bar are links for 'English (US)' and a user profile for 'Chris Keenan'. Below the search bar, a dropdown menu lists search results: 'data wrangling in python bootcamp', 'data wrangling in python', 'data wrangling in python session 4 replay - part 2', 'data wrangling in python session 3 replay - part 1', 'data wrangling in python session 3 replay - part 2', 'data wrangling in python bootcamp: session 1 replay', 'data wrangling in python session 1 replay - part 1', 'data wrangling in python session 4 replay - part 1', 'data wrangling in python session 1 replay - part 2', and 'data wrangling in python session 2 replay - part 1'. Below the search results, there's a 'Resume Learning' section with five cards. Each card has a green header with 'LAB' and a title: 'Data Wrangling with Python Bootcamp Sandbox', 'Getting Started with Azure Automation Services...', 'HTML5 Application Development Fundamentals', 'Core Azure Services', and 'Power BI Desktop'. Each card also shows a thumbs-up icon and a count (2, 3, 13, 16, 63 respectively). At the bottom, there's a blue banner with the text 'IT'S TIME TO LEARN!' and 'Create your own goal to learn something new each week.' A button labeled 'Set learning goal' is on the right.

skillsoft Library

Data wrangling in python

English (US) CK Chris Keenan

FEBRUARY 24, 2022 12PM EST  
LIVE EVENT  
LEADING FROM ANYWHERE  
DAVID BURKUS  
AWARD WINNING AUTHOR & SOUGHT-AFTER INTERNATIONAL SPEAKER

Resume Learning

LAB  
Data Wrangling with Python Bootcamp Sandbox  
2

LAB  
Getting Started with Azure Automation Services...  
3

LAB  
HTML5 Application Development Fundamentals  
13

LAB  
Core Azure Services  
16

LAB  
Power BI Desktop  
63

IT'S TIME TO LEARN!  
Create your own goal to learn something new each week.  
Set learning goal

# Percipio

- When the results appear, select Data Wrangling in Python Bootcamp

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Library

data wrangling in python bootcamp

English (US)

CK Chris Keenan

Home

Filter by

Type

☐ Aspire Journey

2

☐ Audiobook

1

☐ Book

184

☐ Bootcamp

1

☐ Channel

6

☐ Course

11

☐ Lab

4

☐ Live Course

3

☐ Video

137

Expertise

+

Duration

+

349 results for data wrangling in python bootcamp

Sort by: Best Match

CHANNEL

[Data Wrangling in Python Bootcamp](#)

Welcome to the Data Wrangling in Python Bootcamp channel! Python programming is among the most powerful and widely used tools by data scientists today. This course will cover how to leverage Python's capabilities to manipulate an...

COURSE

[Data Wrangling in Python Bootcamp: Session 1 Replay](#)

This is a recorded Replay of the Data Wrangling in Python Live session that ran on September 27th at 11 AM ET. In this session Adam Ross Nelson covers programming across industries and core functions of data scientists, data science use...  
2h 38m 58s Skillsoft Everyone Jul 2020 by Adam Ross Nelson  
From Channel: [Data Wrangling in Python Bootcamp](#) [Python for Data Science](#)  
From Aspire Journey: [Data Analyst to Data Scientist](#)

COURSE

[Data Wrangling in Python Bootcamp: Session 2 Replay](#)

This is a recorded Replay of the Data Wrangling in Python Live session that ran on September 28th at 11 AM ET. In this session Adam Ross Nelson covers NumPy, arrays: filtering and reshaping, and working with Pandas.  
2h 1m 1s Skillsoft Everyone Jul 2020 by Adam Ross Nelson  
From Channel: [Data Wrangling in Python Bootcamp](#) [Python for Data Science](#)  
From Aspire Journey: [Data Analyst to Data Scientist](#)

- This will take you to the boot camp page where you can access:
  - Syllabus and class slides, supporting assets
  - Replay sessions
  - Practice: Data Science Sandbox

skillsoft

Library

Search...

English (US)

CK Chris Keenan

Home > Search

DATA WRANGLING IN PYTHON

Ask a Mentor

91

# Data Wrangling in Python Bootcamp

Welcome to the Data Wrangling in Python Bootcamp channel!

Python programming is among the most powerful and widely used tools by data scientists today. This cours...

View More

Watch

Practice

Attend

Resources

Why are we learning program?

- I'm a `_`major, why do I need to learn programming?
- Programming is not just for CompSci people, programming is becoming a **more universal skill** like typing in Word, or making eye-catching presentations in PowerPoint was in the 90's or early 2000's
- Programming facilitates performing the same operations on a large scale multiple times
- Programming is a **necessary component of reproducible research**
- Programming makes you **think through your problem from a very specific viewpoint that requires clear formulation of your end goal and methods you would like to utilize**
- The list goes on ...

DATA WRANGLING IN PYTHON: Day 1

DATA SOCIETY ©2020

## Data Wrangling in Python Bootcamp: Session 1 Replay

COURSE | 2h 38m 58s

This is a recorded Replay of the Data Wrangling in Python Live session that ran on September 27th at 11 AM ET. In this session Adam Ross Nelson covers programming across industries and core functions of data scientists, data science use cases for Python...

View More

Started

Start Course

DATA WRANGLING IN PYTHON

Ask a Mentor

26

## Data Wrangling in Python Bootcamp: Session 2 Replay

COURSE | 2h 1m 1s

This is a recorded Replay of the Data Wrangling in Python Live session that ran on September 28th at 11 AM ET. In this session Adam Ross Nelson covers NumPy, arrays: filtering and reshaping, and working with Pandas.



# Percipio

- Replays will be updated as new content is recorded and are typically posted within 24 hours.

skillsoft

Library

Search...

English (US)

CK Chris Keenan

Home > Search

Ask a Mentor

91

## Data Wrangling in Python Bootcamp

Welcome to the Data Wrangling in Python Bootcamp channel!

Python programming is among the most powerful and widely used tools by data scientists today. This cours...

[View More](#)

Watch

Practice

Attend

Resources

A presentation slide titled "Why are we learning program?". It lists several reasons for learning programming, such as its universal nature, ability to perform repetitive tasks, and role in reproducible research. It also mentions that programming helps in formulating specific viewpoints and utilizing various methods.

### Data Wrangling in Python Bootcamp: Session 1 Replay

COURSE | 2h 38m 58s

This is a recorded Replay of the Data Wrangling in Python Live session that ran on September 27th at 11 AM ET. In this session Adam Ross Nelson covers programming across industries and core functions of data scientists, data science use cases for Python...

[View More](#)

Started

[Start Course](#)

A screenshot of a Jupyter Notebook titled "Data Wrangling with python exercises with numpy and pandas". It shows an exercise titled "Exercise 1" with a task to create an array of 40 numbers between 1 and 100, displaying the first 10 and last 10 elements.

### Data Wrangling in Python Bootcamp: Session 2 Replay

COURSE | 2h 1m 1s

This is a recorded Replay of the Data Wrangling in Python Live session that ran on September 28th at 11 AM ET. In this session Adam Ross Nelson covers NumPy, arrays: filtering and reshaping, and working with Pandas.

- To access the syllabus, class slides, and supporting assets, select the "Resources" drop-down

Data Wrangling in Python Day 4
Data Wrangling in Python Day 3
Data Wrangling in Python Day 2
Data Wrangling in Python Day 1
Data Wrangling in Python Course Syllabus
Class Data
Instructor Bio - Christian Wernz

# Percipio

- To use the Data Science Sandbox
  - Select the Practice tab
  - Then select “Start Lab”

skillsoft

Library

Search...

🏆 🌐 CK

Home > Search

Ask a Mentor

121

## Data Wrangling in Python Bootcamp

Welcome to the Data Wrangling in Python Bootcamp channel!  
Python programming is among the most powerful and widely used tools by data scientists today. This cours...

[View More](#)

Data Wrangling in Python: [Data Wrangling in Python](#)

Watch

**Practice**

Attend

Resources

LAB

```
import sys
import pandas as pd
import numpy as np

# Create a DataFrame
data = {'name': ['John', 'Jane', 'Bob', 'Alice'],
        'age': [25, 30, 35, 40],
        'gender': ['M', 'F', 'M', 'F'],
        'height': [1.75, 1.65, 1.85, 1.70]}
df = pd.DataFrame(data)

# Display the first 5 rows
print(df.head(5))

# Filter rows where age is greater than 30
filtered_df = df[df['age'] > 30]
print(filtered_df)

# Group by gender and calculate the mean age
grouped_df = df.groupby('gender').mean()
print(grouped_df)
```

LAB | 1h | Skillsoft

### Data Science Sandbox

In this sandbox, you have access to a live lab environment to practice your skills. The **Lab Configuration** section details the devices, operating systems, tools, software and accounts available in the lab. In addition to all that's already available, internet...

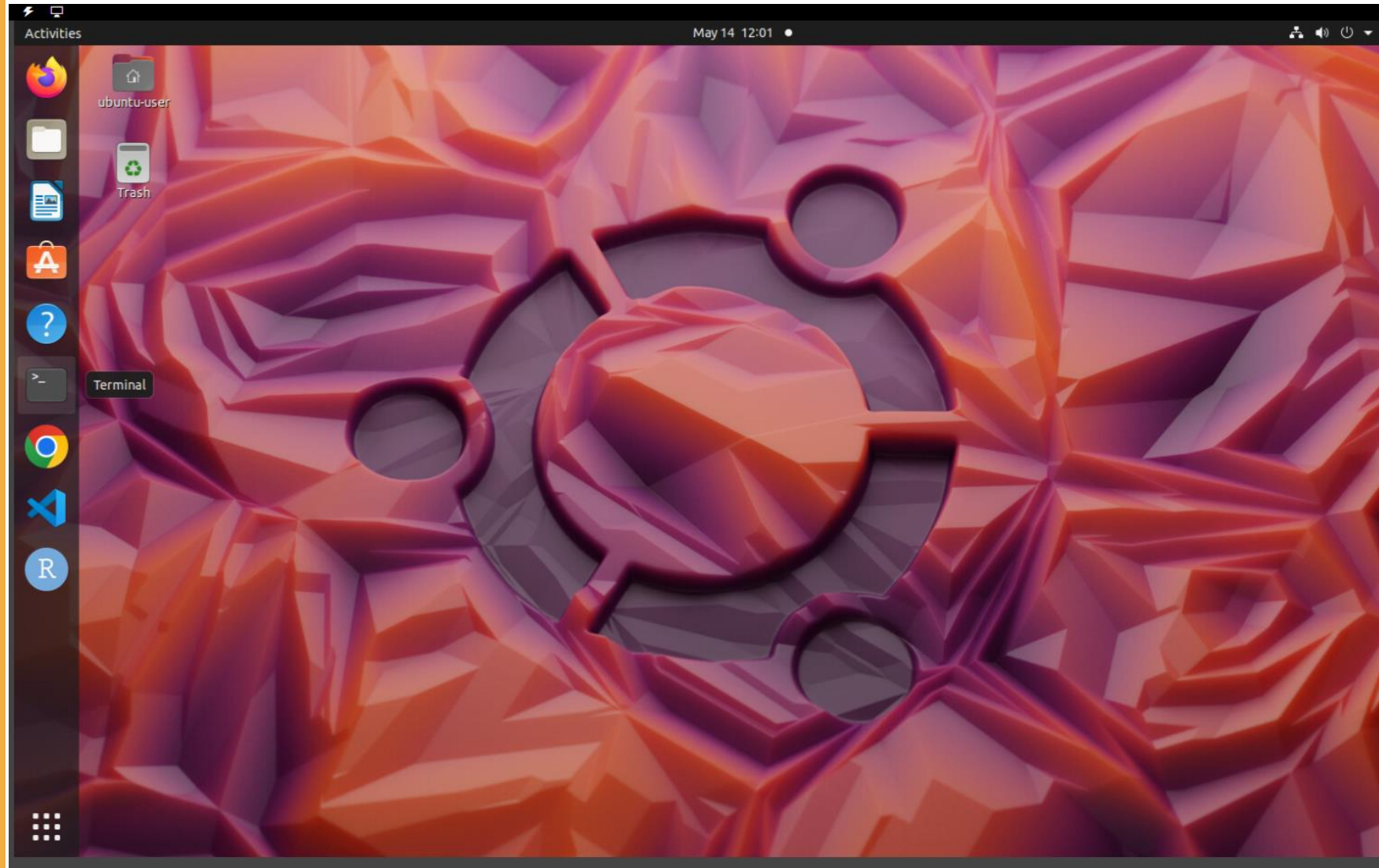
[View More](#)

Completed

[Start Lab](#)

# Percipio

- This will open a new window to the Data Science Sandbox
- Click Terminal icon on the left side

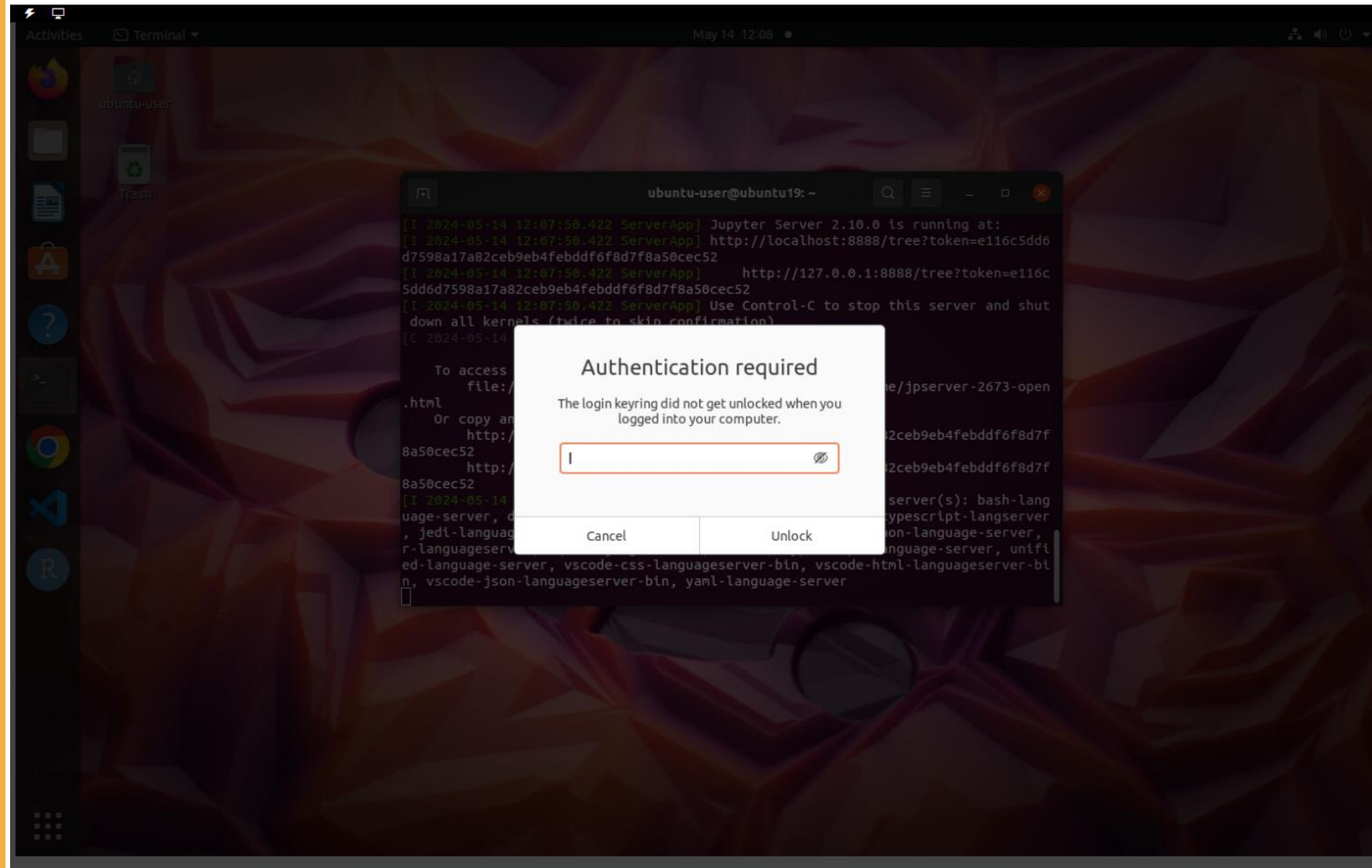




# Percipio

- Type the following in the Terminal Window  
jupyter notebook
- If prompted for authentication in the Terminal Window type the following exactly as shown and click the Unlock button.

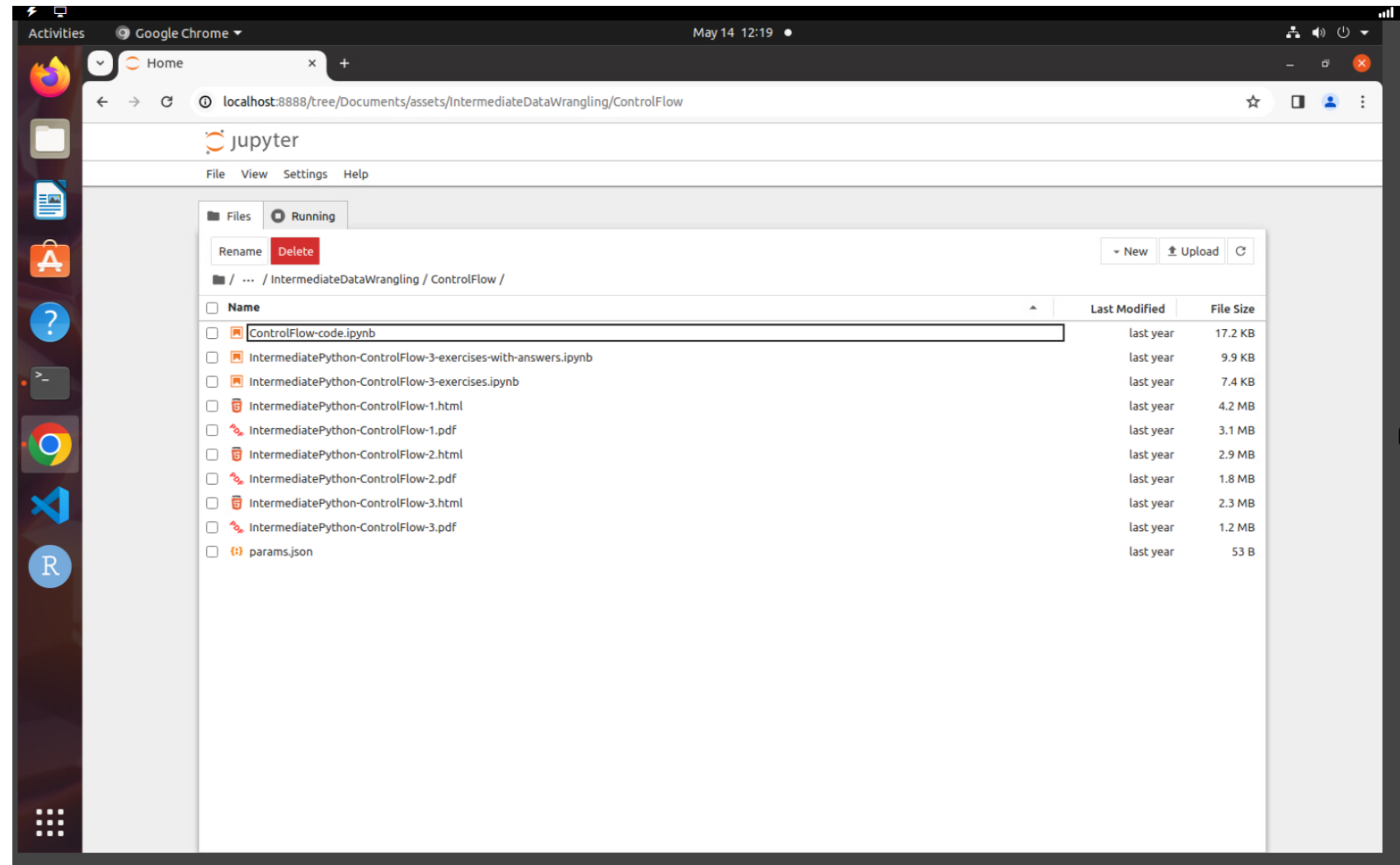
passw0rd!



# Percipio

- Jupyter notebook will open in Chrome.
- The sandbox contains all the files you need and uses Jupyter Notebook.
- Navigate the to the following file under files and double click on the file.

Documents/assets/IntermdiateDataWrangli  
ng/ControlFlow/ControlFlow-code.jpynb



# Percipio


- This will open the ControlFlow-code.jpynb file.
- Note: During the first or subsequent sections, the instructor may have you open different files.

```
In [ ]: #####  
#####  
#####  COPYRIGHT - DATA SOCIETY  #####  
#####  
#####  
  
## INTERMEDIATEPYTHON/CONTROLFLOW/INTERMEDIATEPYTHON CONTROLFLOW 1 ##  
  
## NOTE: To run individual pieces of code, select the line of code and  
##       press ctrl + enter for PCs or command + enter for Macs  
  
In [ ]: #####  
#### Slide 14: Conditional statements (cont'd) ####  
  
if 2 + 2 == 4:  
    print('Good, we are sane!')  
else:  
    print('We are living in 1984!')  
  
In [ ]: #####  
#### Slide 16: Recap: Combining Booleans ####  
  
# Check if 2 conditions are true  
# for the expression to return 'True'!  
x = 8  
print(x > 5 and x < 10)  
# Every single condition much be true for this expression to return 'True'!  
print(x > 5 and x > 1 and abs(x) == 7 and x < 10)
```

# Sharepoint

- The Syllabus, class slides, and supporting assets along with replay sessions can also be accessed through Sharepoint.
- <https://skillsoft.sharepoint.com/:f:/s/LiveBootcamp/Eo-DTE8OBaBGt8OWBUYVpHQBtEnEvNBmy-fLqLmjjaSOArg>

LB

Live Bootcamp 

Private group

Home

Bootcamp Calendar (Inter...

Resourcing Calendar

Shared with us

Bootcamp Administration...

**Documents**

Notebook

Pages

Site contents

Attendance Reports

Bootcamp.Daily.Reports

+ New ▾

↑ Upload ▾

📄 Edit in grid view

🔗 Share

🔗 Copy link










🔄 Sync

📁 Add shortcut to OneDrive

↓ Download

📊 Export to Excel

Documents > Data Wrangling in Python Resources > Intermediate Data Wrangling in Python

 Name ▾	Modified ▾	Modified By ▾	File Size ▾	Content Type
 Audio_Video	February 23	Chris Keenan	1 item	Folder
 ControlFlow-20230217T171747Z-001.zip	February 17	Guest Contributor	10.4 MB	Document
 data-20230217T171817Z-001.zip	February 17	Guest Contributor	966 KB	Document
 DataWranglingWithNumpy-20230217T171809Z-001.zip	February 17	Guest Contributor	6.06 MB	Document
 DataWranglingWithPandas-20230217T171812Z-001.zip	February 17	Guest Contributor	8.50 MB	Document
 Functions-20230217T171753Z-001.zip	February 17	Guest Contributor	4.07 MB	Document
 Intermediate Python and Data wrangling Knowledge check pollin... 	February 17	Guest Contributor	36.7 KB	Document