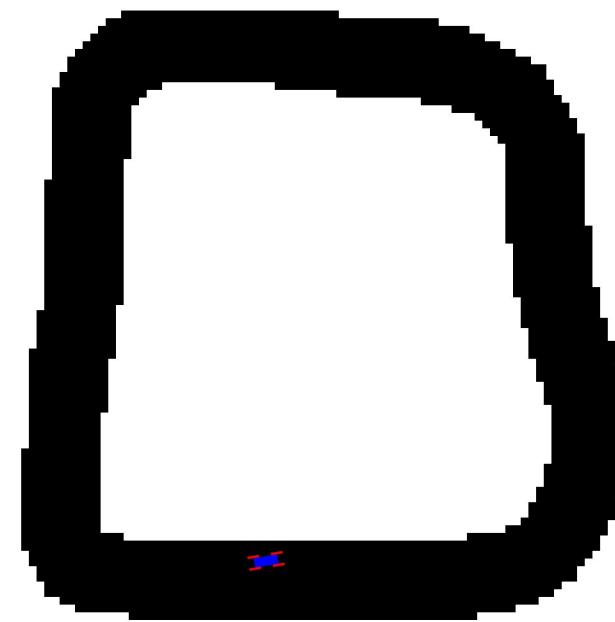


# TECHCRUSH ARTIFICIAL INTELLIGENCE BOOTCAMP

Facilitator: Hammed Obasekore  
August 11th, 2025

**Recap**

GET MOTIVATED

Racing Car

## Backgrounds and Expectations

I'm a graduate of Electronic and Electrical Engineering my Expectation is to integrate AI in smart grid technology

austineoreoluwa

I am an Educator, I want to use AI to develop a model that can detect different learning disabilities.

igeanuoluwapodeborah@

I am a financial coach and My Expectations is to use A.I to help Salary Earners start building wealth

anipoleoluranti8

i am a facility manager, I want to use Ai to automate building management system

adeolaoladejo360@

I'm a data engineer, I would like to upskill and become an AI data engineer

marthafridayimoh

My name is Caleb Mbwas. I am a physicist I want to use AI to solve complex physics problems and simulate physics experiments.

mbwasvictor@

I am a fashion designer and my expectations is to use AI to produce adorable designs

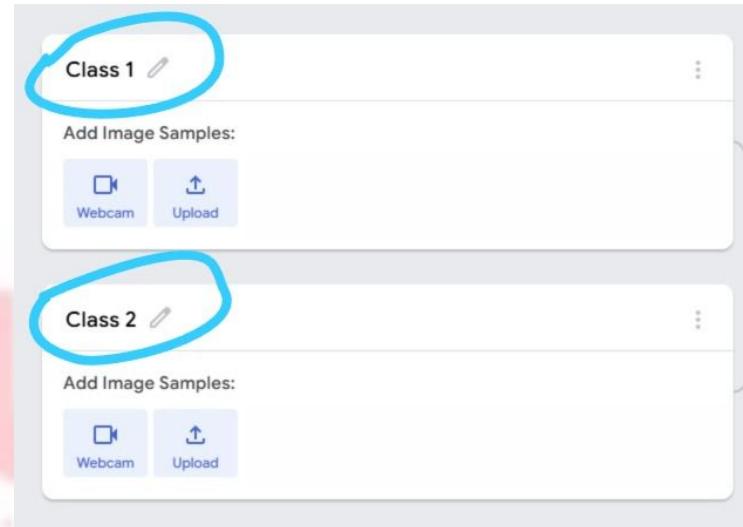
brightdele93

I am a software engineer and I want to use AI to build real life solutions in the area of education and fashion

anyanwue4@

## Questions on Assignment 1

- It only identified it as class one and two but no name
  - Rename the Class 1
- I wanted to ask if I could use lime in place of the lemons
  - Yes
- can we post our Tech journey with hashtag like the assignment/task given to us on our social media handles?
  - Yes
- can we add a background music to replace the unpleasant background noise during the recording of our A.I assignment?
  - Yes

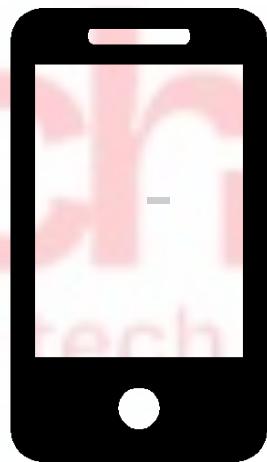


## Questions on Assignment 1

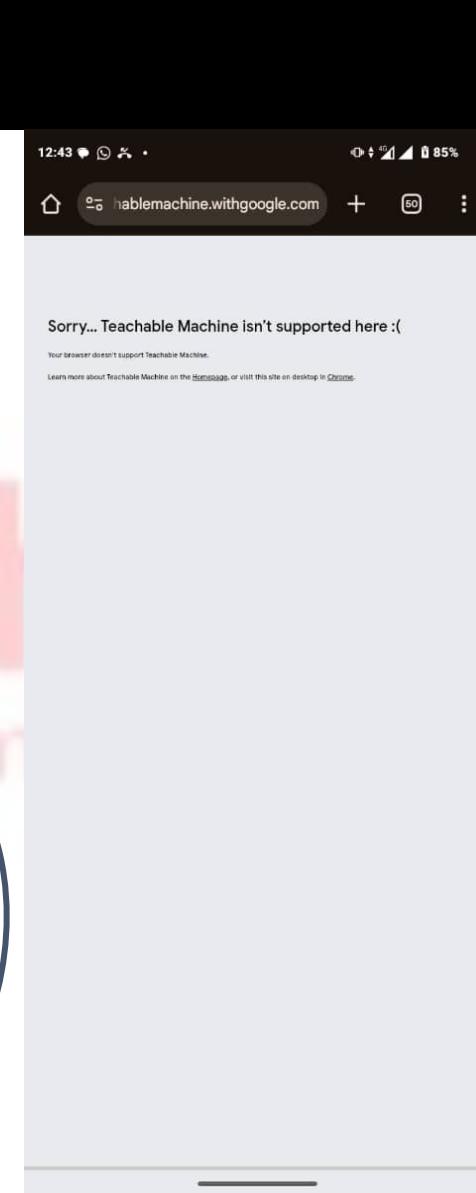
- Please can this assignment be done using my mobile phone, as I do not yet have a P.C.



[Teachable Machines](#)



[Machine Learning for Kids](#)



## SETUPS

Save your code  
Learn to Code  
Execute Your Code

# GitHub

[Github](#)

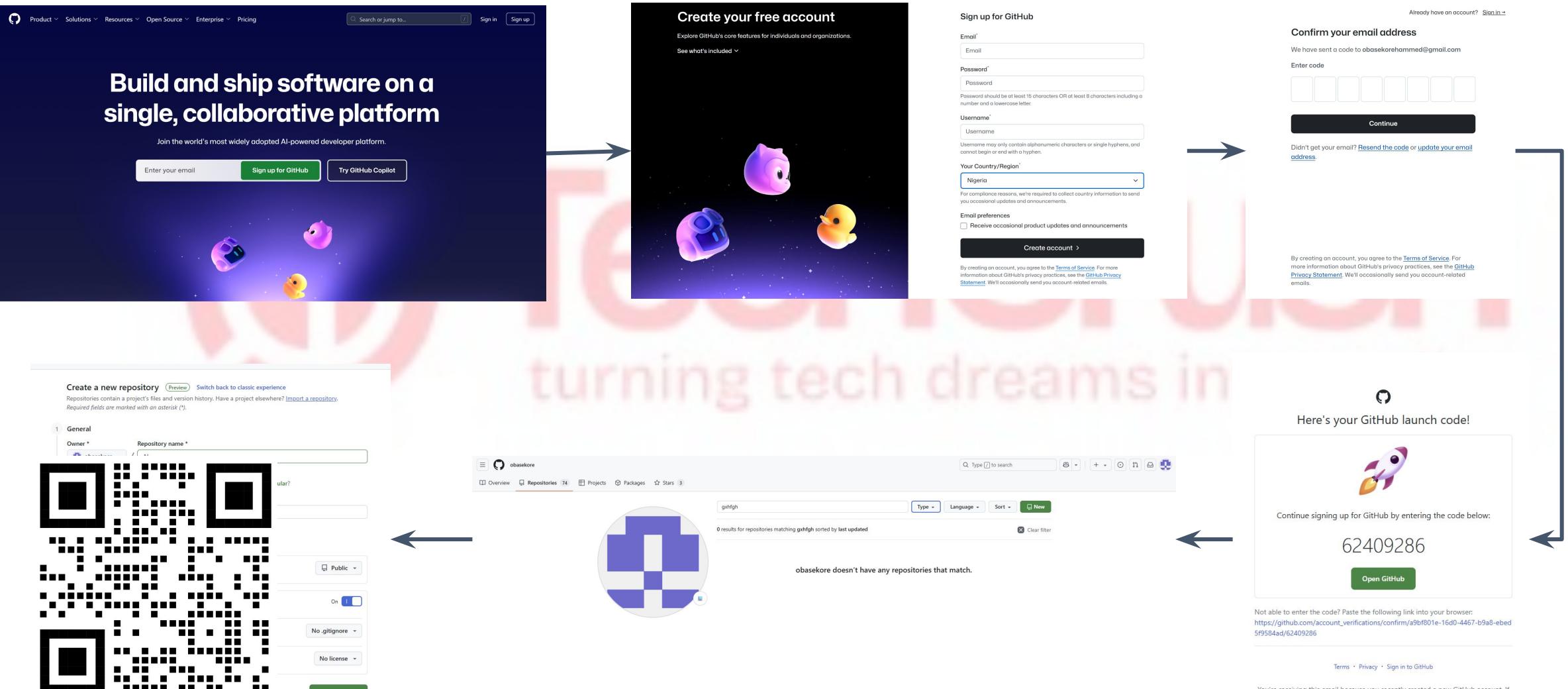
# w3schools.com

[W3School](#)

# co

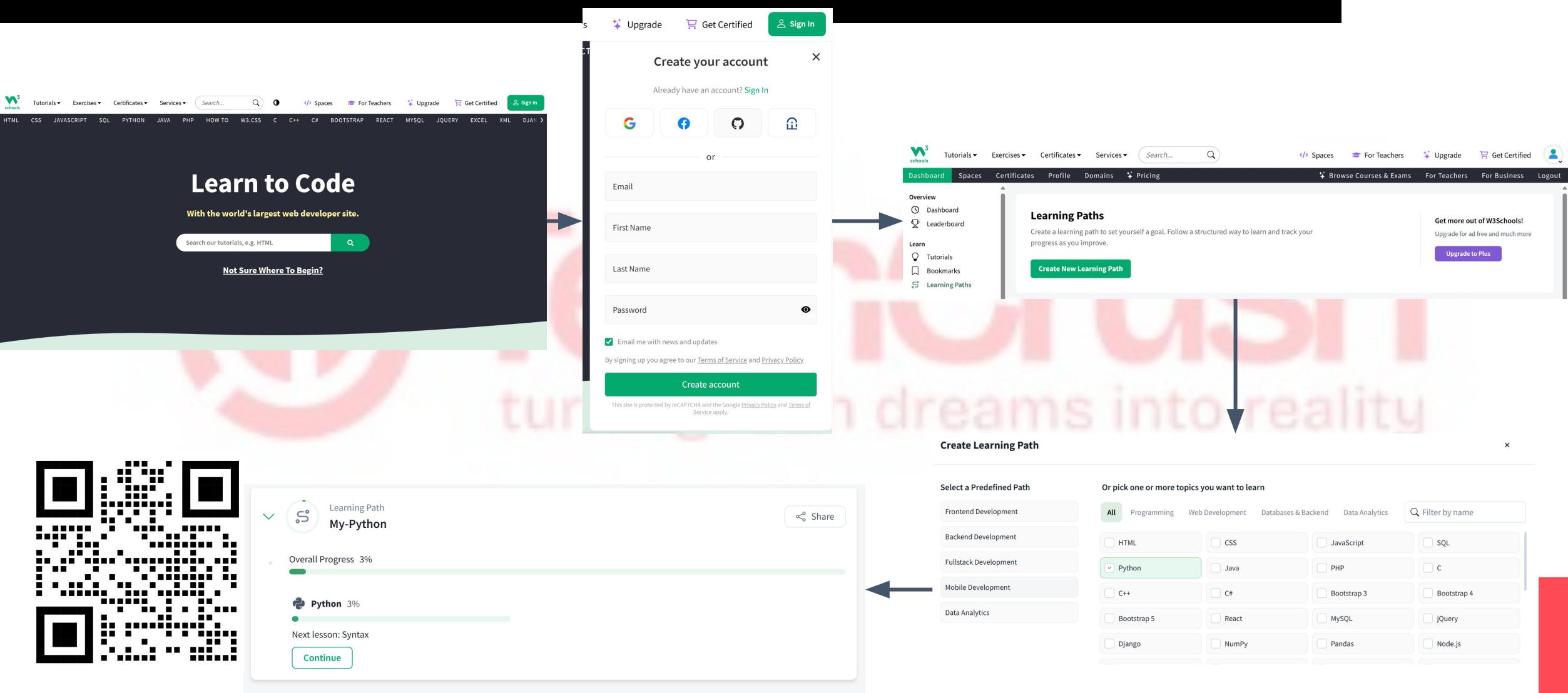
[Google Colab](#)

# SETUPS - Github



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# SETUPS - W3School



The diagram illustrates the setup process from W3Schools to TechCrush, showing the flow from account creation to learning path creation.

**W3Schools Home Page:**

- Learn to Code
- With the world's largest web developer site.
- Search our tutorials, e.g. HTML
- Not Sure Where To Begin?

**Create your account (Modal):**

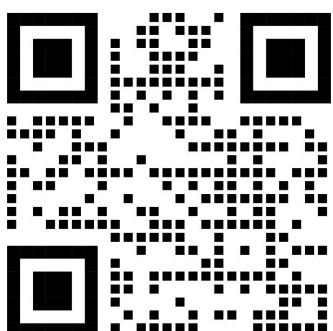
- Already have an account? [Sign In](#)
- Logos for Google, Facebook, and GitHub, plus a "Sign in with Email" button.
- Input fields for Email, First Name, Last Name, and Password.
- A checkbox for "Email me with news and updates".
- By signing up you agree to our [Terms of Service](#) and [Privacy Policy](#).
- [Create account](#) button.

**W3Schools Dashboard:**

- Overview, Dashboard, Leaderboard
- Tutorials, Bookmarks, Learning Paths
- Learning Paths section with "Create a learning path to set yourself a goal. Follow a structured way to learn and track your progress as you improve."
- [Create New Learning Path](#) button.

**Create Learning Path (Modal):**

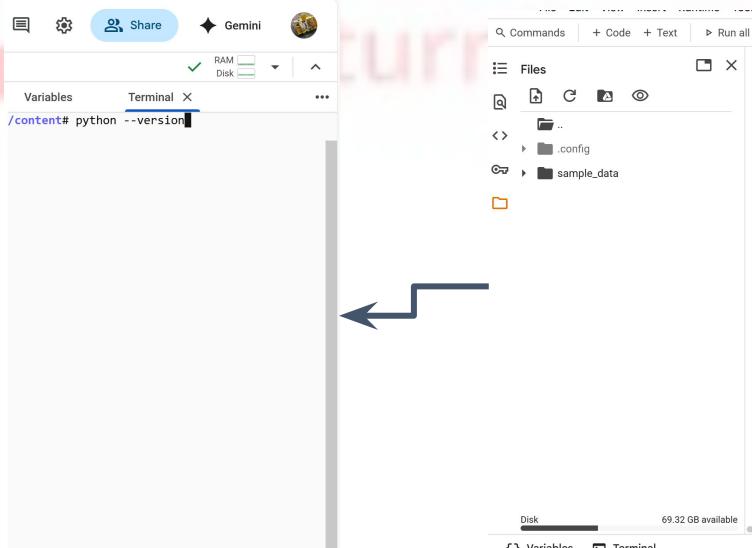
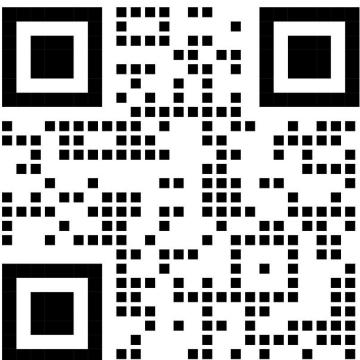
- Select a Predefined Path: Frontend Development, Backend Development, Fullstack Development, Mobile Development, Data Analytics.
- Or pick one or more topics you want to learn: All, Programming, Web Development, Databases & Backend, Data Analytics, Filter by name.
- Topics listed with checkboxes: HTML, CSS, JavaScript, SQL, Python (selected), Java, PHP, C, C++, Bootstrap 3, Bootstrap 4, Bootstrap 5, React, MySQL, jQuery, Django, NumPy, Pandas, Node.js.
- You have selected 1 Topics.
- Cancel and Create Learning Path buttons.



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# SETUPS - Colab

Google colab

[Blog](#) [Release Notes](#) [Notebooks](#) [Resources](#)[Open Colab](#) [New Notebook](#) [Sign Up](#)[Open Colab](#) [New Notebook](#)

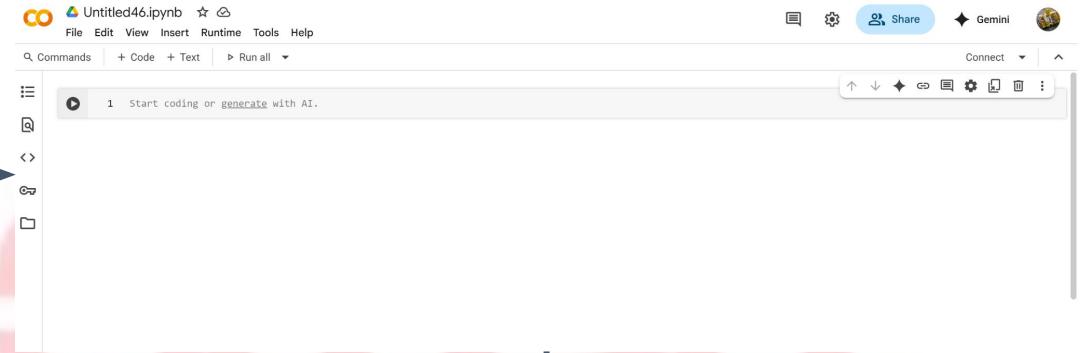
```
/content# python --version
```

RAM Disk

Variables Terminal

Disk 69.32 GB available

Disk Variables Terminal

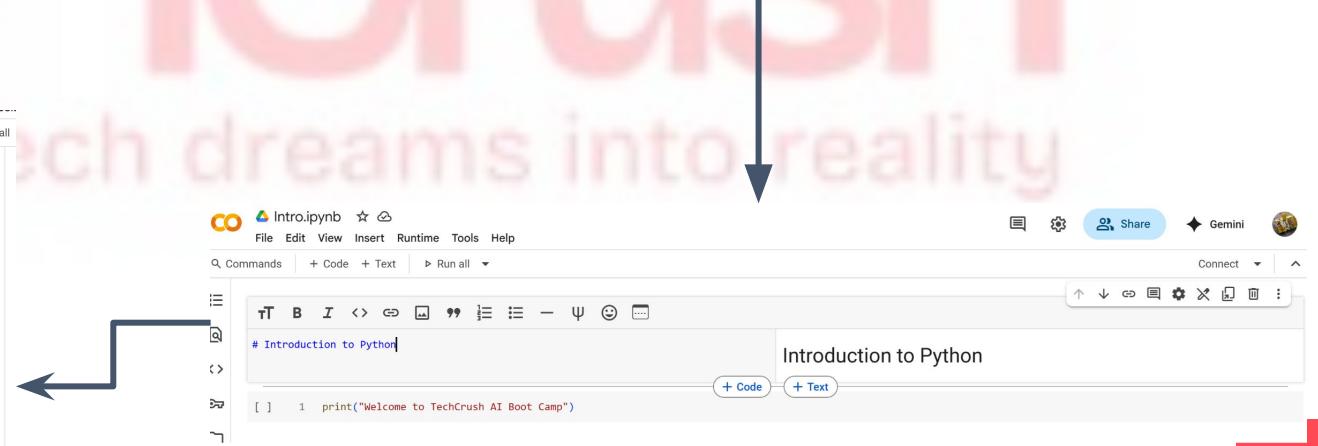


Untitled46.ipynb

File Edit View Insert Runtime Tools Help

Commands + Code + Text Run all

1 Start coding or generate with AI.



Intro.ipynb

File Edit View Insert Runtime Tools Help

Commands + Code + Text Run all

```
# Introduction to Python
```

```
[ ] 1 print("Welcome to TechCrush AI Boot Camp")
```

Introduction to Python

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## Python - Introduction

### Python file

- Text file
- with extension .py
- Only source code
- Can not render formatted text
- Typically executed as a whole script
- Best suited for production code, automation scripts, creating reusable modules, and building larger applications

### Notebook file

- JSON file
- with extension .ipynb
- Contains Code
- Contains Formatted can be rendered
- Code and formatted can be sectioned into cells
- Offers cell-by-cell execution
- Ideal for data science workflows, exploratory data analysis, rapid prototyping, teaching, and sharing interactive reports and analyses



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