

CBE:5120 Data Science in Chemical and Engineering Systems

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# Getting Started with Python and Jupyter

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# Getting Started

- Important Websites
- Google Colaboratory
- Introduction to Python

# Important Websites

- [ICON Page](#)
- [Course Website](#)
- [Course Github Repository](#)
- [Google Colaboratory](#)

# Google Colaboratory

## What is Colaboratory?

Colaboratory, or "Colab" for short, allows you to write and execute Python in your browser, with

- Zero configuration required
- Free access to GPUs
- Easy sharing

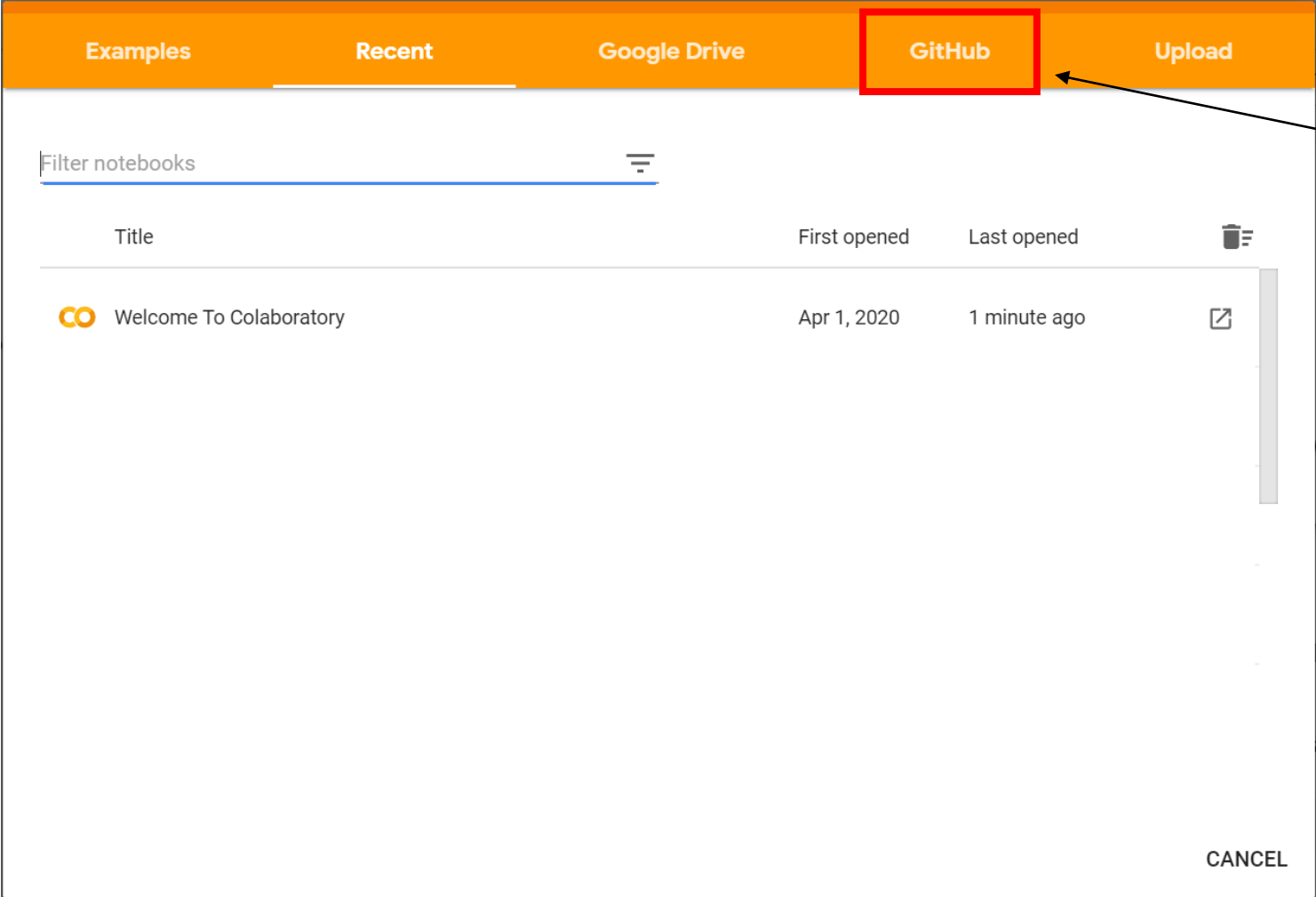
Whether you're a **student**, a **data scientist** or an **AI researcher**, Colab can make your work easier. Watch [Introduction to Colab](#) to learn more, or just get started below!

## • Introduction to Colab

# Accessing the Introduction Lecture



- Course Website > Lectures
- Copy Link Location “00\_Introduction-to-Python.ipynb”
- Open Google Colab
- File > Open notebook (Ctrl+o)

# Accessing the Introduction Lecture



The screenshot shows the Colaboratory interface with the following components:

- Top Navigation Bar:** Contains tabs for 'Examples', 'Recent', 'Google Drive', 'GitHub' (highlighted with a red box), and 'Upload'.
- Filter notebooks:** A search bar with the placeholder text 'Filter notebooks' and a menu icon.
- Table of Notebooks:**

Title	First opened	Last opened	
 Welcome To Colaboratory	Apr 1, 2020	1 minute ago	
- Bottom Right:** A 'CANCEL' button.

An arrow points from the text 'Select' to the 'GitHub' tab in the top navigation bar.

# Accessing the Introduction Lecture

Examples   Recent   Google Drive   **GitHub**   Upload




Enter a GitHub URL or search by organization or user ☐ Include private repos

Paste Link →  🔍

Repository: [🔗](#) thegomeslab/dscs ▼   Branch: [🔗](#) master ▼

Path

Open → 

 lectures/00\_Introduction-to-Python.ipynb  

CANCEL

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**Goodbye**