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Resources





How to create a Colab Notebook

The screenshot shows the Google Colab homepage. At the top right, there are three buttons: "Open Colab", "New Notebook", and "Sign Up". Below the header is a large image of a server room. The main content area is titled "Google Colaboratory" and contains text about Colab being a hosted Jupyter Notebook service. It features two prominent buttons: "Open Colab" and "New Notebook". A large blue arrow points from the bottom left towards the "New Notebook" button, which is also circled in red. To the right of the main content, a modal window titled "Open notebook" is displayed, listing options like "Examples", "Recent", "Google Drive", "GitHub", and "Upload". It also includes a search bar and a table of recent notebooks, with one entry: "Untitled1.ipynb" (Last opened: 6:27PM, First opened: 6:27PM). At the bottom of the modal, another "New notebook" button is circled in red.

www.colab.google



The screenshot shows a Google Colab notebook titled "Untitled1.ipynb". The interface includes a toolbar with "File", "Edit", "View", "Insert", "Runtime", "Tools", and "Help". Below the toolbar is a search bar. The main area is a code editor with a single cell containing the text "start coding or generate with AI.". On the left side, there is a sidebar with file navigation icons.



How to create a Colab Notebook



The screenshot illustrates the process of creating a Colab Notebook in Google Drive. It shows two main windows: a top-level 'My Drive' view and a detailed view of a 'Colab Notebooks' folder.

Top Window (My Drive):

- Shows a list of files in 'My Drive'. One file, 'Colab Notebooks', is highlighted with a red oval.
- File details:
 - Name: Colab Notebooks
 - Owner: me
 - Last modified: Dec 14, 2024
 - File size: —

Middle Window (Colab Notebooks folder):

- Shows a list of files in the 'Colab Notebooks' folder.
 - File: Untitled1.ipynb

Bottom Window (Drive menu):

- A context menu is open over the 'Untitled1.ipynb' file, listing various Google apps.
- The 'More' option is selected.
- The 'Google Colaboratory' option is highlighted with a red oval.
- Other options listed include Google Drawings, Google My Maps, Google Sites, Google Apps Script, and Connect more apps.



How to create a Kaggle Account

kaggle.com

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Kaggle Dashboard

The screenshot shows the Kaggle Dashboard for user Laily Nissa Atul Mualifah. The dashboard features a navigation bar on the left with links like Home, Competitions, Datasets, Code (circled in red), Learn, and More. Below the navigation is a sidebar with sections for VIEWED (STA 582 PMS Chall...), WEB SCRAPING, and EDITED (notebook2290eb9...). The main area displays a welcome message, user stats (Login Streak 1 day, Tier Progress 75% to Contributor), and activity counts for Datasets (1 created), Notebooks (9 created), Competitions (4 joined), Discussions (0 posted), and Courses (0 completed). A 'How to start: Choose a focus for today' section suggests projects like Web Scraping, All Lending Club lo..., and Text Pre-Processing. The 'Code' section allows users to explore and run machine learning code with Kaggle Notebooks. A code editor window is open, showing a Python script with imports for numpy and pandas, and a comment explaining the environment setup. The bottom of the dashboard includes a search bar for public notebooks and filters for All notebooks, Recently Viewed, Python, R, Beginner, NLP, Random Forest, GPU, TPU, and Competiti.

This screenshot shows a Kaggle Notebook titled 'notebook23f58f97cf'. The notebook interface includes a toolbar with file operations like Share, Save Version, and Run All. The main workspace contains a Python script with comments explaining the environment setup and basic imports. The right sidebar shows the 'Notebook' tab with sections for Input (Add Input, Upload) and Output (a folder path /kaggle/working). A 'Table of contents' section is also visible at the bottom right.

```
# This Python 3 environment comes with many helpful analytics libraries installed
# It is defined by the kaggle/python Docker image: https://github.com/kaggle/docker-python
# For example, here's several helpful packages to load

import numpy as np # linear algebra
import pandas as pd # data processing, CSV file I/O (e.g. pd.read_csv)

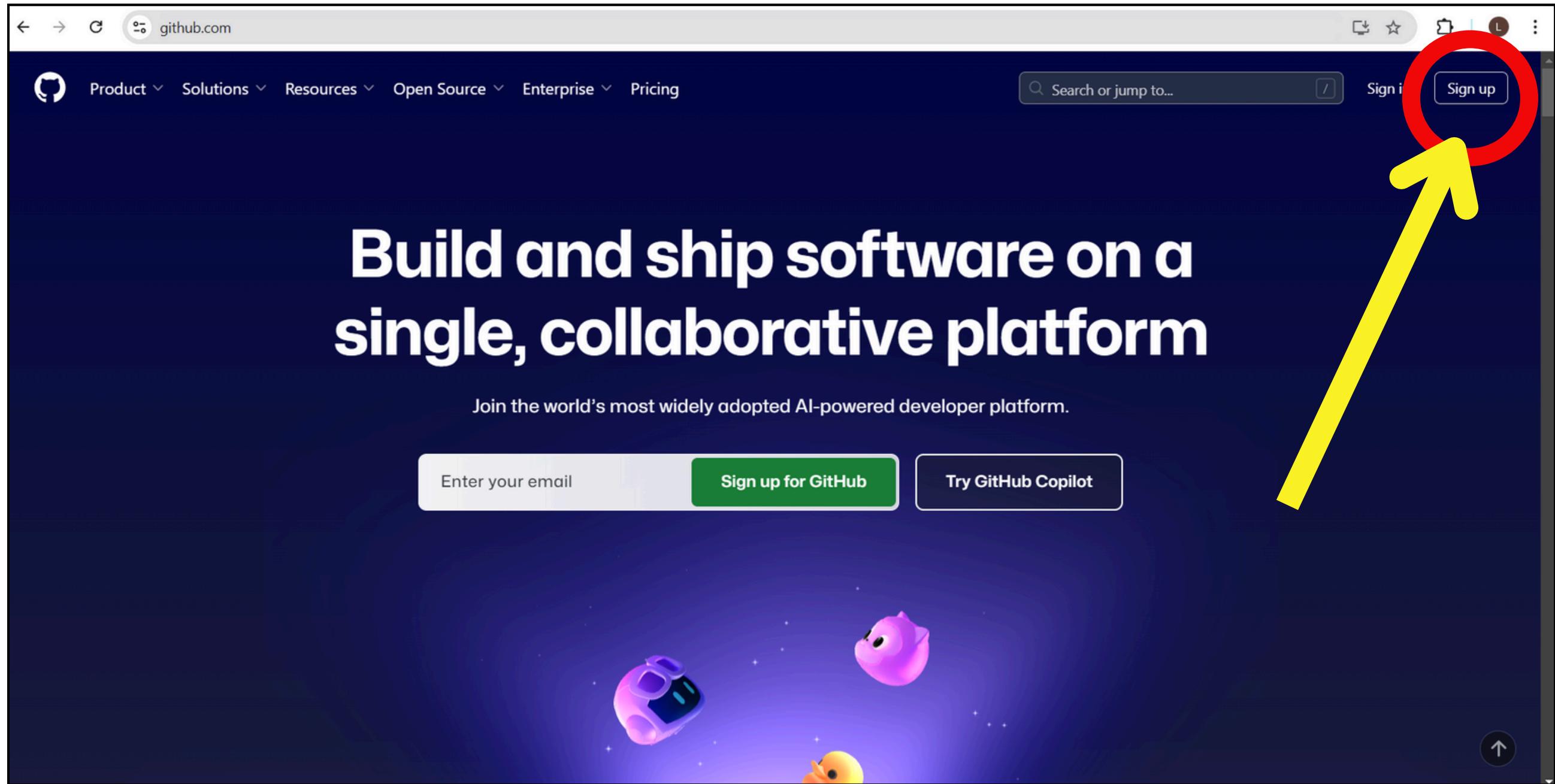
# Input data files are available in the read-only "../input/" directory
# For example, running this (by clicking run or pressing Shift+Enter) will list all files under the input directory

import os
for dirname, _, filenames in os.walk('/kaggle/input'):
    for filename in filenames:
        print(os.path.join(dirname, filename))

# You can write up to 20GB to the current directory (/kaggle/working/) that gets preserved as output when you create a version using "Save & Run All"
# You can also write temporary files to /kaggle/temp/, but they won't be saved outside of the current session
```



How to create a Github Account



<https://docs.github.com/en/get-started/start-your-journey/creating-an-account-on-github>



Github Repository



The screenshot shows the GitHub homepage on the left and a 'Create a new repository' dialog box on the right.

GitHub Homepage (Left):

- The top navigation bar shows 'github.com' and various icons.
- The main area displays 'Top repositories' with links to [lailynissa/tspython](#), [lailynissa/time-series](#), and [lailynissa/Machine-Learning](#).
- A green 'New' button is highlighted with a red circle.
- The 'Home' section shows trending repositories like [Dokploy/dokploy](#) and [openai/openai-realtime-agents](#).

Create a new repository (Right):

The dialog box has the following fields:

- Owner ***: lailynissa
- repository name ***: This field is highlighted with a red circle.
- Description (optional)**: A text input field.
- Visibility**:
 - Public: Anyone on the internet can see this repository. You choose who can commit.
 - Private: You choose who can see and commit to this repository.
- Initialize this repository with:**
 - Add a README file: A note explaining where to write a long description.
- Add .gitignore**: A dropdown menu set to '.gitignore template: None'.
- Choose a license**: A dropdown menu set to 'License: None'.
- Information**: A note: 'You are creating a public repository in your personal account.'
- Create repository** button at the bottom.



Github Repository



The screenshot shows a GitHub repository named "Machine-Learning" owned by "lailynissa". The repository has 1 branch and 0 tags. It contains files like README.md, pemodelan machine learning.ipynb, and transaksi.csv. The "Code" tab is selected. A red circle highlights the "Add file" dropdown menu, which includes options for "Create new file" and "Upload files". Below the repository list, there's a modal dialog titled "Commit changes" with fields for "Add files via upload" and "Add an optional extended description...". It also shows two radio button options: "Commit directly to the main branch." (selected) and "Create a new branch for this commit and start a pull request." At the bottom are "Commit changes" and "Cancel" buttons.



Share Github Repository

The screenshot shows the GitHub repository settings page for a public repository named "Machine-Learning". The "Settings" tab is active, and the "Collaborators" tab under the "Access" section is highlighted with a red circle. A large blue arrow points from the text "lailynissaam" inside a red box on the right towards the "Add people" button in the "Manage access" section. The "Manage" button next to the "Public repository" section is also highlighted with a red circle.

lailynissaam



How to link Notebook to Github

The screenshot illustrates the steps to link a Colab notebook to a GitHub repository:

- Colab Interface:** The top-left window shows the Colab interface with a notebook titled "Untitled1.ipynb". The "File" menu is open, showing options like "Locate in Drive", "Open in playground mode", and "Save a copy in GitHub". The "Save a copy in GitHub" option is highlighted with a red circle.
- Copy to GitHub Dialog:** The middle window shows the "Copy to GitHub" dialog. It has fields for "Repository" (set to "lailynissaam/basic") and "Branch" (set to "main"). Below these are "File path*" (set to "Untitled1.ipynb") and "Commit message" (set to "Created using Colab"). A checkbox for "Include a link to Colab" is checked. This dialog is also highlighted with a red circle.
- Authorization Dialog:** The bottom-left window shows the "Authorize Colaboratory" dialog from Google Chrome. It asks for permission for "Colaboratory by Google Colaboratory" to access the user's GitHub account. The "Read and write" access for "Gists" is selected. The "Authorize googlecolab" button is visible.
- GitHub Repository:** The bottom-right window shows a GitHub repository named "basic" (Public). It contains one branch ("main"), one commit ("f88daa1 · 1 minute ago"), and three files: "LICENSE", "README.md", and "Untitled1.ipynb". The file "Untitled1.ipynb" is circled with a red circle.



How to link Notebook to Github

notebook23f58f97cf Draft saved

File Edit View Run Settings Add-ons Help

- + New Notebook
- Run All
- Code**
- Link to GitHub
- Set as Utility Script
- Add input
- Upload input
- Language
- Editor
- Share
- Save Version
- Version
- Rename
- Delete

Link to GitHub

Kaggle needs to sync with your GitHub account. Please review the specific authorizations in the link below and return to Kaggle in a timely manner.

Link to GitHub

Sign in to GitHub to continue to Kaggle

Username or email address

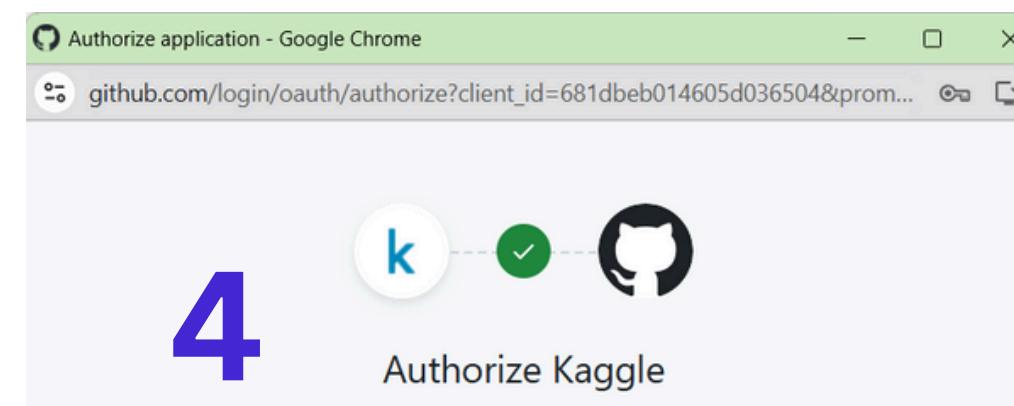
Link to GitHub

Forgot password?

Sign in

Sign in with a passkey

New to GitHub? Create an account



X Save version

VERSION NAME Version 2

VERSION TYPE Save & Run All (Commit)

Run a fresh copy of your notebook and save the output

Advanced Settings

X Save copy to GitHub

Upload this ipynb to GitHub under your GitHub account lailynissaam. This can only be undone directly on GitHub.

REPOSITORY lailynissaam/basic

BRANCH main

FILE NAME notebook23f58f97cf.ipynb

COMMIT MESSAGE Kaggle Notebook | notebook23f58f97cf | Version 2

Continue without GitHub Save

kaggle™





Thank you

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