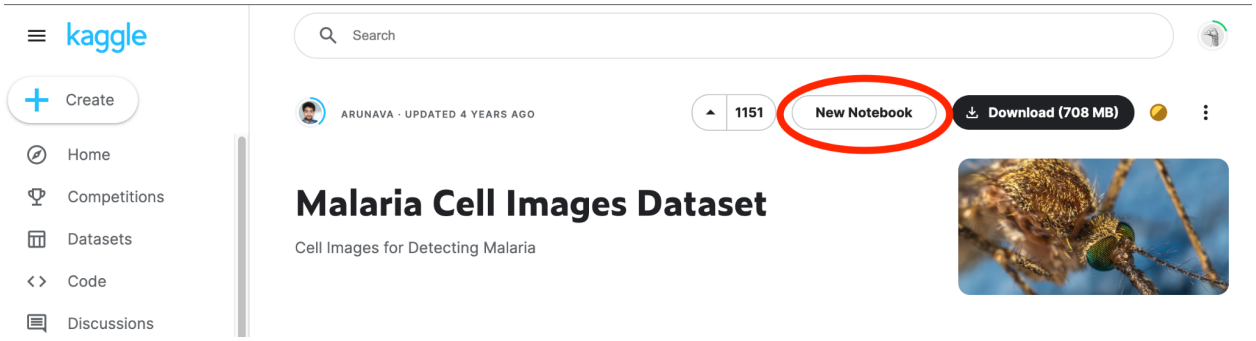
Prerequisite

Please make sure you have downloaded the malaria.ipynb file attached in the submission folder.

Getting Started

In this project, we use kaggle notebook to build, train and run the model in Python. Kaggle Notebooks is a cloud computational environment that enables reproducible and collaborative analysis.

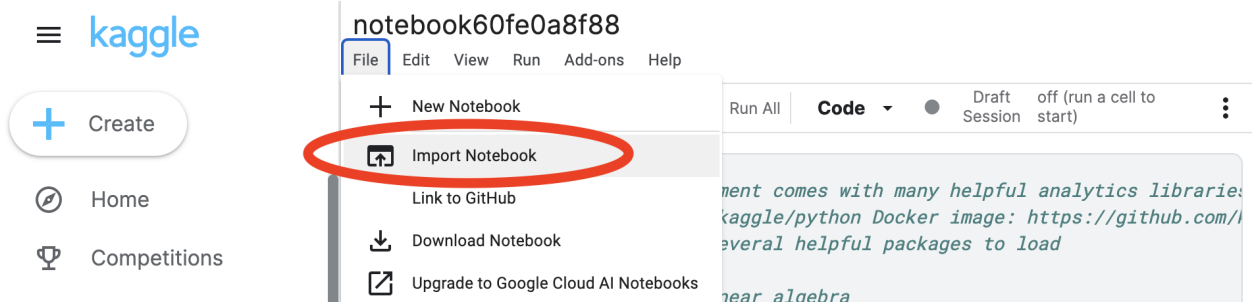
To get started, please head over to the [Malaria Cell Images Dataset | Kaggle] and click “New Notebook”



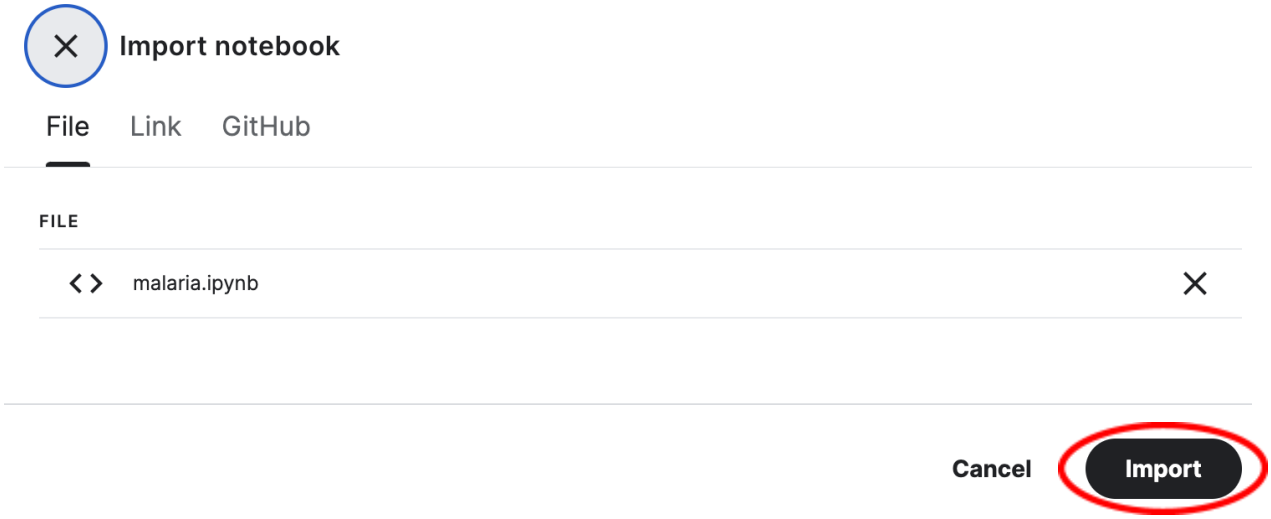
Using Kaggle Notebook Editor

The Notebook editor allows you to write and execute both traditional Scripts (for code-only files ideal for batch execution or Rmarkdown scripts) and Notebooks (for interactive code and markdown editor ideal for narrative analyses, visualizations, and sharing work).

In the menu, click “File” > “Import Notebook”.

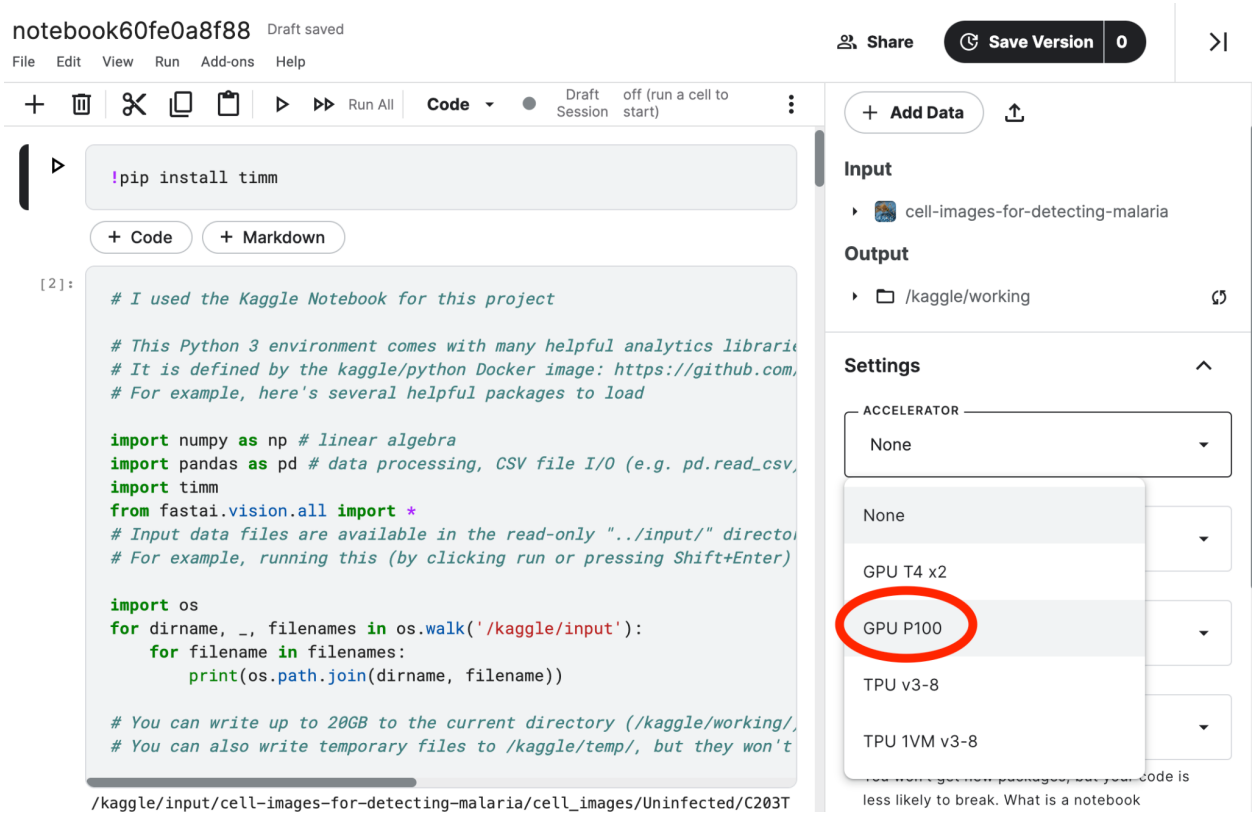


Drag and drop or browse malaria.ipynb file from your device to the form given and click “Import”.

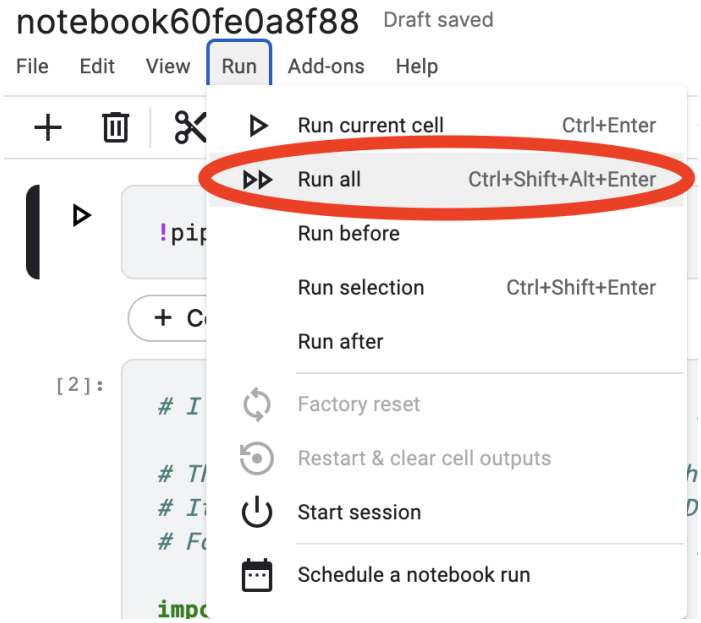


Get Kaggle Notebook To Run

To run the notebook more efficiently and faster, consider changing the settings accelerator in the right sidebar from “None” to “GPU P100”.



Click “Run All” Button under the menu to start running the codes. This might take some time to process.



Export model

Thus, after the notebook is finished running, you can find a file named “malaria.pkl” in the output section in the right sidebar.