

# Introduction to Google Colaboratory

# What is Google Colab?

Google Colaboratory is a free **online cloud-based** Jupyter notebook environment that allows us to train our machine learning and deep learning models on CPUs, GPUs, and TPUs.



# Advantages of using Google Colab

- Provides free GPU / TPU

## Notebook settings

Runtime type

Python 3

Hardware accelerator

None

☐ Omit code cell output

None

GPU

TPU



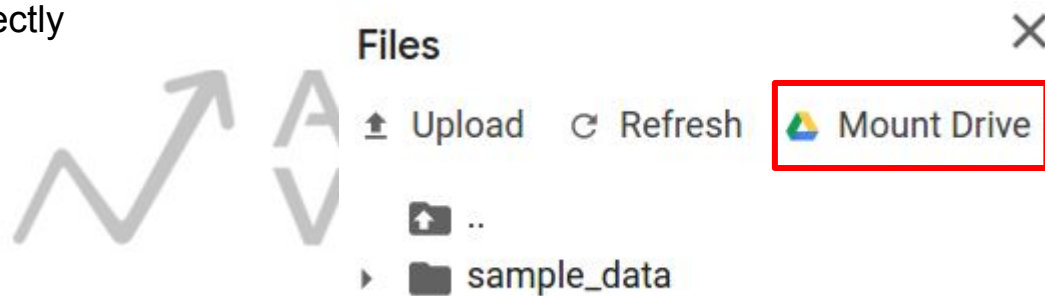
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CANCEL

SAVE

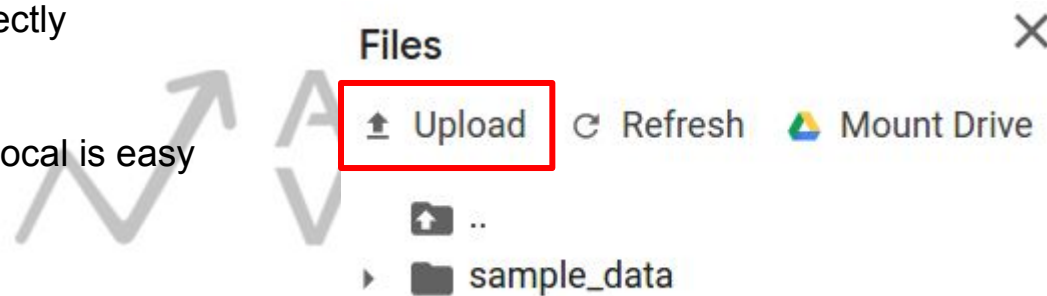
# Advantages of using Google Colab

- Provides free GPU / TPU
- Can access drive directly



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- Provides free GPU / TPU
- Can access drive directly
- Uploading files from local is easy



# Limitation of using Google Colab

- Session restarts after 12 hours



# Link to Google Colab

<https://colab.research.google.com/>



Thank You