

cAlnvas

Convert your ML models into hardwares like RaspberryPi and MCU.

Overview

cAlnvas platform helps you realise your machine learning models and give them the extra push that they need to be deployable on EDGE devices, including your mobile and other microcontrollers.

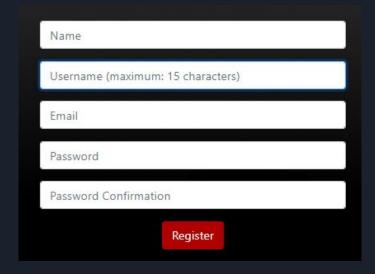
Register | Log In

Three ways you can register:

- Through Cainvas
- LinkedIn
- GitHub



- → Fill in your details
- → Email confirmation sent
- → Click on activation link
- → Dashboard

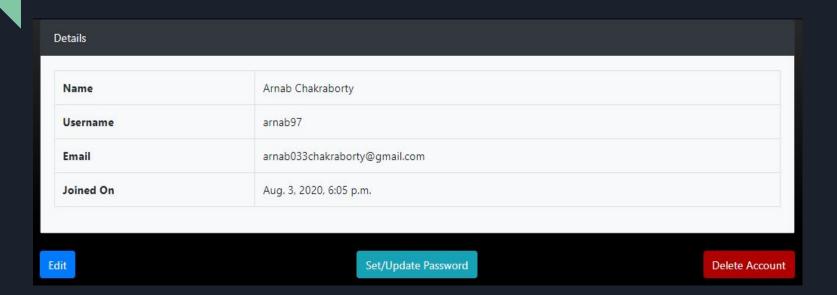


GitHub/LinkedIn Login

- → Click on the icon
- → If not logged in
 - ◆ Redirect to the selected site
 - ♦ Login
- → Dashboard



Profile



Check your details.

You can Edit your details and also set/update your password.

Update Profile

Edit:

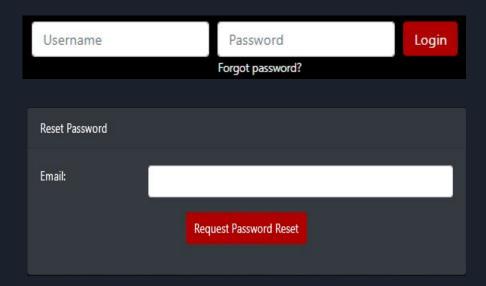
- → Modify name or email
- → Verify by clicking on link sent to email
- → Success

Set/Update Password:

- → Type in your new password
- → Confirm your new password
- → Success

Forgot Password

- → Click on Forgot Password
- → Enter your email
- → Click on Password reset link sent to your email
- → Enter new password
- → Login using new password



Use Cases









Explore the many number of use cases developed and contributed by the community.

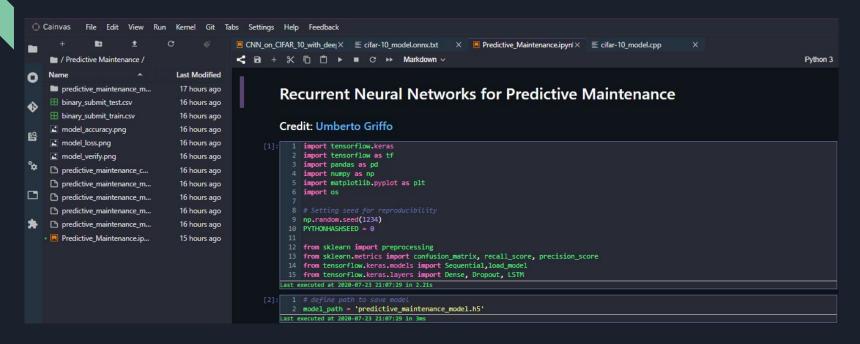
You may tweak them with due credits to suit your needs and enhance the performance of your daily used gadgets.

Uploads

Upload	Size	Сору	Actions
CNN_on_CIFAR_10_with_deepC.ipynb	916.7 KB	Copy URL	Delete
MNIST-Keras-DeepC.png	35.4 KB	Copy URL	Delete
MNIST-PyTorch-DeepC.png	24.3 KB	Copy URL	Delete
CIFAR.png	470.8 KB	Copy URL	Delete

- Total of 100 MB allotted to you for your datasets and other files.
- Upload your files and use the dynamic URLs to import datasets in your notebook or share them with your friends who can use them directly, without any downloading.

cAlnvas Notebook Server



The Notebook Server lets you develop your models from scratch and work on them while providing you with more than enough resources to get rid of that huge compile time.

Usage of the Upload URLs

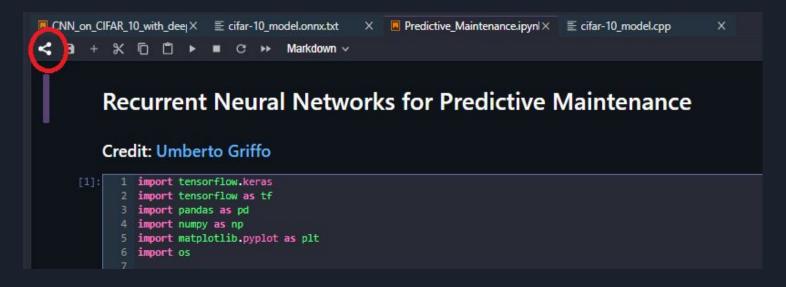
The uploaded files could be anything from datasets (.csv, .txt, .tsv) to images that you might need for your notebooks.

Import from GitHub

```
[1]: 1 import tensorflow.keras
2 import tensorflow as tf
3 import pandas as pd
4 import numpy as no.
5 import matplot
6 import os
7 Clone a repo
8 # Setting seed
10 PYTHONHASHSEED
11 PYTHONHASHSEED
11 Cancel CLONE
12 from sklearn in
13 from sklearn.m
14 from tensorflom
15 from tensorflom.keras.zujers.zmpore.penae.g. precision_score
14 from tensorflom.keras.zujers.zmpore.penae.g. precision_score
15 from tensorflom.keras.zujers.zmpore.penae.g. prepose, complete the path to save model
2 model_path = 'predictive_maintenance_model.h5'
```

Clone repositories from GitHub and modify them according to your needs.

Share Your Notebooks



Share your notebooks among your peers or or on different platforms to flaunt your hard work.

Special Award

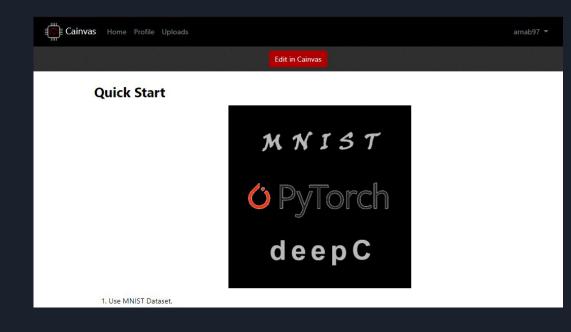
Award/ Prize: \$10 AWS gift-card for your Notebook shared on Social Media for cainvas.

Make your posts public and share it on LinkedIn with #cAlnvas

NOTE: The posts will be evaluated based on the quality and innovativeness of the notebook as well as the number of reactions. Results will be announced on next Thursday (13/08/2020).



- → Click on Edit in Cainvas
- → Notebook copied to your workspace
- → Open Notebook Server
- → Tweak/ Edit to your heart's content



Thank you!

Do provide us with your feedback so that we can help you better in the process.

https://cainvas.ai-tech.systems/

