Hands-On AI for Everyone at NeurIPS 2024

Farm-to-Plate AI: Enhance Freshness and Reduce Waste with Robotics and Computer Vision

Hardware and Software Requirements

To participate in the workshop, you need:

1. A laptop
2. Google Chrome browser
3. A MathWorks account

You will be provided with a temporary workshop license that will give you access to all products used in the workshop, as well as the workshop exercise files.

Please download a copy of this document to be able to click on the links provided.

Need Help?

If you run into any issues completing the steps below, please join the following Microsoft Teams meeting and our TAs will help you troubleshoot:

Join the meeting now or type URL: https://tinyurl.com/RemoteTAs

The team of remote TAs will also be available to provide assistance throughout the workshop exercises.

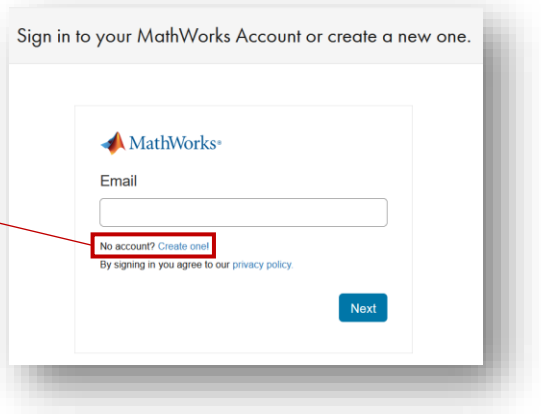
Step I. Set Up Your MathWorks Account

If you don't have a MathWorks account, you need to create one to get access to MATLAB Online and the material for this event. You will need access to your email on the machine you are using to create the account.

1. In Google Chrome, go to: https://www.mathworks.com/mwaccount/ and click **Create one!** next to No Account?:

   No account? Create one!

2. Fill out the form and click **Create**. Follow the directions for verifying your email address.
3. To complete your registration, click the link in the verification email and fill out the form.
   You must check the Online Services Agreement box.
   You may leave these fields blank: Activation Key or License Number, Sales rep contact, Associate with a license, Trial



-> Next page for Steps II, III, and IV

Step II. Activate the Workshop License

The workshop uses MATLAB Online. You must activate the workshop license to participate. You can activate this license starting from the day of the workshop up to a week after the workshop date.

1. Navigate to this address in Google Chrome:
   https://www.mathworks.com/licensecenter/classroom/4670603/
   If you are not already logged in, do so.
2. Click **Access MATLAB Online**.

Step III. Access Exercise Files

MATLAB Online will try to port your workshop files from GitHub automatically. You will see a dialog pop-up for saving and opening the repository of files.

1. Click on the checkbox to accept outside source code.
2. To access the files, hit “Save and Open”.

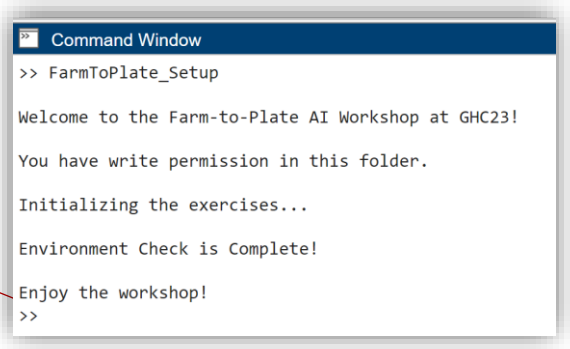
Step IV. Verify Your Environment

To verify that your environment is correctly set up for the exercises:

1. Run the command below in the MATLAB Online Command Window:

```
>> FarmToPlate_Setup
```

2. Confirm that the **welcome message** is displayed.



Congratulations! You are all set!

Please consider share your thoughts at the end of the workshop.

Fill out our survey to receive a certificate and support for your outreach **tinyurl.com/NeurIPS24survey**

Support #HandsOnAIForEveryone and #SheLovesMatlab on social media!

Contact us if you are interested in bringing Hands-On AI for Everyone workshops to your communities:

- Jianghao Wang jianghaw@mathworks.com • linkedin.com/in/sivylla-p-05865a82
- Sivylla Paraskevopoulou sparaske@mathworks.com • linkedin.com/in/jianghao-wang-896aa1a4
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Additional Resources to Explore

- Research with MATLAB and Simulink
- Teach with MATLAB
- MATLAB and Simulink for Artificial Intelligence
- Meet MathWorks at GHC
- Women in Data Science: Pocket AI and IoT, or How to be a Data Scientist using Your Mobile Device
- Women in Data Science: Catching Fire: Autonomous Drones to Detect and Track Wildfires
- Blog post: Is it a “b” or a “d”? See how a high school student went from having an idea to winning the Engineering Sciences Olympiad!
- Blog post: Detecting Kelp Forests through Deep Learning
- Blog post: Lidar Code-Along
- Blog post: Finding shelter on the moon, in a cave
- Take free courses matlabacademy.mathworks.com

Thank you for joining us in the workshop!