

Hands-On AI for Smart Appliances Workshop: From Sensor Data to Embedded Code

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 use the Q&A section in your MATLAB Expo session to ask the questions. 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

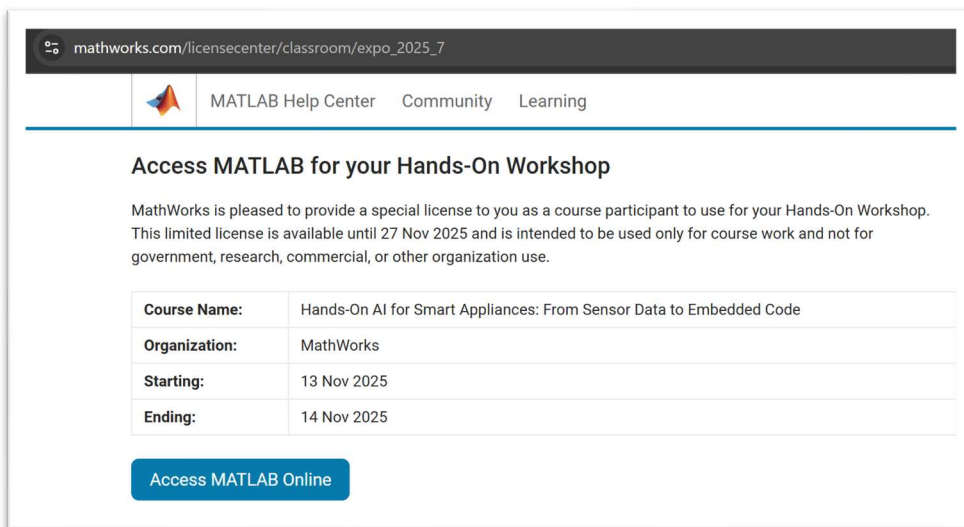
-> Next page for Steps II, III, and IV

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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/expo_2025_7/
If you are not already logged in, do so.
2. Click **Access MATLAB Online**.



The screenshot shows a web browser window with the URL `mathworks.com/licensecenter/classroom/expo_2025_7`. The page has a navigation bar with links for MATLAB Help Center, Community, and Learning. The main heading is "Access MATLAB for your Hands-On Workshop". Below this, a paragraph states: "MathWorks is pleased to provide a special license to you as a course participant to use for your Hands-On Workshop. This limited license is available until 27 Nov 2025 and is intended to be used only for course work and not for government, research, commercial, or other organization use." A table displays the following information:

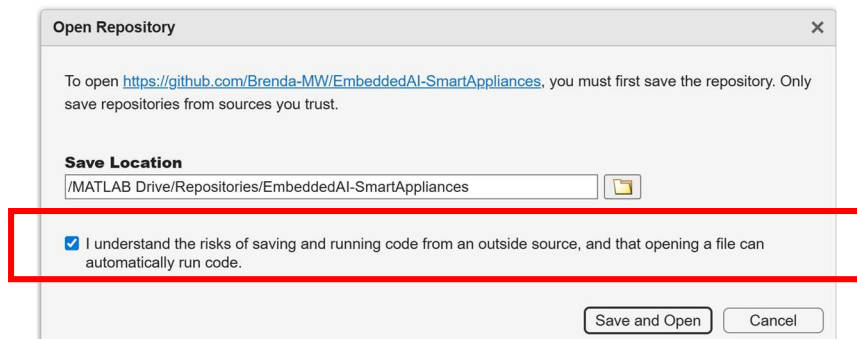
Course Name:	Hands-On AI for Smart Appliances: From Sensor Data to Embedded Code
Organization:	MathWorks
Starting:	13 Nov 2025
Ending:	14 Nov 2025

At the bottom of the page is a blue button labeled "Access MATLAB Online".

Step III. Access Exercise Files

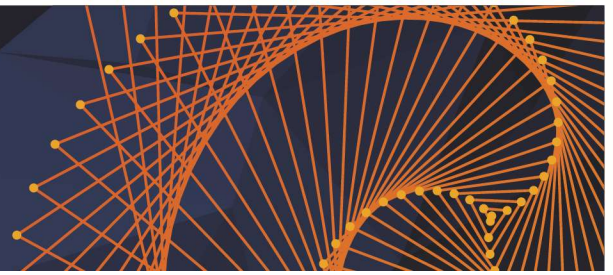
MATLAB Online will try to port your workshop files from GitHub automatically. You will see a dialog pop-up for saving and opening the repository of files.

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



The screenshot shows a dialog box titled "Open Repository". It contains the following text: "To open <https://github.com/Brenda-MW/EmbeddedAI-SmartAppliances>, you must first save the repository. Only save repositories from sources you trust." Below this, there is a "Save Location" section with a text field containing `/MATLAB Drive/Repositories/EmbeddedAI-SmartAppliances` and a folder icon button. At the bottom, there is a checkbox labeled "I understand the risks of saving and running code from an outside source, and that opening a file can automatically run code." which is checked. A red rectangle highlights this checkbox area. At the bottom right are "Save and Open" and "Cancel" buttons.

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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:

```
>> SmartAppliances_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.

Thank you for joining us in the workshop!