# MathWorks®

## Kalman Filter Workshop

## Setup Instructions

### Part I. Activate the workshop license and create a MathWorks Account

1. In a browser window, visit https://www.mathworks.com/licensecenter/classroom/4475400/.
2. If you do not have a MathWorks Account already, click **Create Account** at the bottom of the page. Fill out the form with the required information. You need access to the email you use to create the account.
3. Follow the instructions to verify your MathWorks Account.
4. Go back to the browser window to finish creating your MathWorks Account.
   - You must check the **Online Services Agreement** box.

### Part II. Access the workshop files

1. Click "Access MATLAB Online" on this web page: https://www.mathworks.com/licensecenter/classroom/4475400/.
2. Once your browser's address bar says "matlab.mathworks.com", delete the address, replace it with this one, and press enter: https://matlab.mathworks.com/open/github/v1?repo=juliabrault-ML/KalmanFilterWorkshop&project=Kalmanfilterworkshop.prj. This will automatically load the files into your MATLAB Online.
3. In the popup that appears, click the checkbox next to "I understand...", then click "Save and Open". The Exercise #1 script will open.
4. If you're having trouble accessing the files using the link in step 2, you can download or clone the files directly from this GitHub repository: https://github.com/juliabrault-ML/KalmanFilterWorkshop

Access these workshops files in at any time from this GitHub repository: https://github.com/juliabrault-ML/KalmanFilterWorkshop. These files can be run in desktop MATLAB as long as you have the required toolboxes installed (see the readme of the GitHub repository). You can also use the branches drop-down to access versions of the files that are compatible with different releases of MATLAB.

Learn more about Kalman Filtering: https://www.mathworks.com/videos/series/understanding-kalman-filters.html.