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# Machine Learning

Lab Guide



Get Certified. Get Ahead.

**Note: The screenshots are only for your reference. Your LMS may look different depending on your course content.**

This section will guide you to:

- Use labs for executing all the demos included in this course

### Step 1: Starting Practice Labs on LMS

- Log into the Simplilearn LMS
- Go to the respective course

The screenshot displays the Simplilearn LMS interface for a 'Machine Learning' course. The top navigation bar includes a 'BACK' button, course progress (0 Classes completed, 1% Self-Learning Videos Watched, 0/3 Projects Done), and links for HELP, NOTES, and COMMUNITY. The left sidebar contains icons for SELF LEARNING, LIVE CLASSES, PRACTICE LABS (highlighted with a red box and an arrow), ASSESSMENT, and CERTIFICATE. The main content area is titled 'Jupyter Lab' and contains the following text:

There is no fun to learn data science without applying it. So how do we go about it? We have integrated this Lab for hands on practice. It not only helps you understand the concepts and algorithms better but also prepares you to implement the concepts at the workplace.

*This is a virtual lab environment for your hands-on practice. The lab may take 2-3 minutes to set up.*

**How to use the lab?**

1. This is a full-fledged Jupyter hub lab which you can use for hands-on practice and projects
2. All the functionality is the same as Jupyter installed on the local system, you would need to upload, import the datasets as required
3. You can install any package which is needed for the course content, however, basic packages are pre-installed
4. We have provided a "Share" folder, which will be used to share additional datasets for explicit hands-on learning by Simplilearn
5. If the lab doesn't load, please click on "Jupyter" tab within the integrated lab environment

**Things to remember before you start using the lab:**

1. There is an idle time set for 30 mins, the session will automatically end after the idle time
2. You can start a fresh session again if required

At the bottom right, the text 'Your Labs are ready.' is followed by a blue 'LAUNCH LAB' button, which is highlighted with a red box and an arrow.

Click on **Practice Labs**.

Click on **Launch Lab** to launch it.