

RDS: Lab 6 access instructions

Lab 6 uses [mlinspect](#), a library that enables inspection of ML processing pipelines in order to detect hard-to-identify data issues. The mlinspect library requires Python 3.9. However, Google Colab is only configured to use Python 3.7. Consequently, we will be using Docker for the week 6 lab.

To access the lab notebook, you will need to take the following steps:

Before the lab:

1. Install Docker, following the instructions corresponding to your operating system:
<https://docs.docker.com/get-docker/>
2. In terminal, download the Docker image that will be used in the lab:
`docker pull shubhaguha/rds-lab10`

Note: these downloads may take some time, so please do the above steps before the day of your lab. Last year, this lab was used in week 10, therefore the container and the notebook both use lab 10 as the title. This is the correct notebook, but please submit this as lab 6 once completed.

At the start of lab:

3. In terminal, run:
`docker run -t --name lab6 -p 8899:8899 shubhaguha/rds-lab10`

The terminal will show something like this:

To access the notebook, open this file in a browser:

`file:///root/.local/share/jupyter/runtime/nbserver-1-open.html`

Or copy and paste one of these URLs:

<http://053c7794bc76:8899/?token=dc71bfaf4cc5c14a504ab3b1195fc6cc816e8f5dfe06d2bb>

or

<http://127.0.0.1:8899/?token=dc71bfaf4cc5c14a504ab3b1195fc6cc816e8f5dfe06d2bb>

Open the **last URL** in your browser, the one with 127.0.0.1. Your link may be slightly different so don't use the above links.

Troubleshooting: If you encounter any problems, please post to Brightspace or email george.wood@nyu.edu, yj1499@nyu.edu, and trn219@nyu.edu