

Machine Learning: First Lab

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Log-in

- **Use Linux!** (Anaconda or Jupyter in Windows: may not be available...)
- **after logging in in Linux**, open a terminal and **run** the following commands:
 - `source /nfsd/opt/anaconda38/anaconda.sh`
 - `conda activate`

Without running such command, the Jupyter lab may not be accessible.

Using a Jupyter notebook

- Download files from elearning course's website
- In terminal, in the folder where with the files for the lab, to start jupyter lab run

```
jupyter-lab
```

otherwise, to run a jupyter-notebook run:

```
jupyter-notebook notebookName
```

- The first time you run Python code in a Jupyter notebook in the department, you may get a warning (something that looks like: "UserWarning: Matplotlib is building the font cache using fc-list. This may take a moment.") Do not panic, and just wait for system to finish.

Data

Classification problem:

- Wine data

<http://archive.ics.uci.edu/ml/datasets/wine>

See links above for descriptions and references