



UNIVERSIDADE  
CATÓLICA  
PORTUGUESA

BRAGA

# Machine Learning

Session 1 - PL

## Introduction to Machine Learning

Degree in Applied Data Science

2024/2025

# Setting Up the Development Environment

- Install miniconda (optional):
  - Follow the right instructions for your operating system:
    - ❑ <https://docs.conda.io/projects/miniconda/en/latest/>
- Install Git:
  - Windows:
    - ❑ Download and run the installer: <https://git-scm.com/download/win>
  - MacOS:
    - ❑ Follow the instructions: <https://git-scm.com/download/mac>
  - Linux:
    - ❑ \$ sudo apt install git-all

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- Creating a virtual environment with conda (optional):
  - Create an environment called ml-hands-on with python 3.10:  
☐ `$ conda create -n ml-hands-on python=3.10`
  - To activate the environment run:  
☐ `$ conda activate ml-hands-on`
  - To deactivate the environment run:  
☐ `$ conda deactivate`

# Setting Up the Development Environment

- Clone the following repository to your local machine:
  - `$ git clone https://github.com/LCDA-UCP/ml-hands-on.git`
- Open the project in your favorite IDE:
  - Pycharm or Visual Studio Code are recommended
- Set the project interpreter to the previous environment.
- Install the requirements:
  - `$ pip install -r requirements.txt`