

## TITLE

Hackathon: Deploy Machine Learning Models on Google Cloud Platform

## DESCRIPTION

In this 2-day, full-time lab, students will learn how to train and deploy machine learning models built with scikit-learn and deep learning models built with PyTorch using the Google Cloud Platform (GCP). Students will work on their projects (in groups of a maximum of 3 people) in the hackathon that we start at the end of day 1, work overnight, and finish with a pitch session at the end of day 2. This is an advanced and intensive lab. Participants are expected to have solid Python programming skills, and basic theoretical knowledge of machine learning and neural networks.

## EXPECTED LEARNING OUTCOMES

Hands-on experience with scikit-learn and PyTorch, code management in Github, cloud computing with Google Cloud Platform, shell scripting in Linux, and advanced Python programming.

## DATES

May 23rd, 24th ONLINE