Azure Machine Learning Studio
COMP 4211 - Tutorial 01

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Who am I?

- Your TA for this course :)
- Graduated from HKUST and now a 2-nd year MPhil student.
- Interested in machine learning in real world application. Specifically, machine learning in education.
- Speak English, Mandarin, and native in Cantonese. Ask me any question in whatever language you like.

Tell me about who you are?

In order to give a right materials in this tutorial, I would like to know:

- Which major background are you from?
- Why are you taking this course?
- What are you expected to learn from this course?
- What are you expected to learn from the tutorial session?
- Do you want to know more about the theoretical stuffs, or something practical?

What is your technical background?

Also, to give a right paced in this tutorial, I would like to know:

- What is your proficiency level in Python?
- Have you heard of Numpy, Pandas?
- What about Scikit-learn?
- Tensorflow, MXNet, PyTorch, CNTK?

What are the goals of tutorial in this course?

Throughout this semester, we will mainly use Azure to manage our machine learning project in the tutorials. It provides the working environment on both cloud and desktop for you to manage and run your machine learning project.

My personal goal, on behalf of a TA, is that you will attain the both the theoretical and practical knowledge of machine learning. More importantly, thinking of being in your shoes, I hope that you can confidently write what you learn in tutorials in your CV.
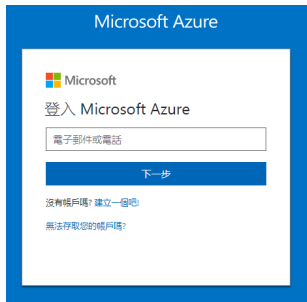
What are we going to do in this tutorial?

In this tutorial, you will

- register an account on Azure,
- have a first touch on Azure Machine Learning (ML) Studio, and
- build an iris classification project using naive Bayes classifier (if time is available.)

Register Account in Azure

1. Open a browser and enter
   `https://azure.microsoft.com/en-us/`
2. Press "Start Free" until the login page

3. Login Microsoft Azure with your email (preferably xxx@connect.ust.hk)

Azure Machine Learning Studio

After created your account,

1. enter `https://studio.azureml.net/`.
2. press "Sign In" and login with your registered account.
3. After login, you will see something like the following, except the projects which I have created earlier.