

Training workshop on Windows Azure (A Global Cloud platform by Microsoft)

Two-day training workshop by Microsoft through
The CUHK Big Data Decision Analytics Research Centre and
The CUHK MoE-Microsoft Key Laboratory

Date: 3rd and 4th March 2014

Venue: Seminar Room 1-2, Microsoft Hong Kong Limited
13/F Cyberport 2, 100 Cyberport Road, Hong Kong

Training details:

The course is intended specifically for active scientists who can code, who will soon code, or are interested in coding in a modern computing context. Computer scientists who are working with such scientists will also benefit from the training. Attendees will be able to access Windows Azure on their own laptop during the training and for evaluation purposes for up to six months after the event. The attendee's laptop does not need to have the Windows operating system installed—Windows Azure is accessed via your Internet browser.

This is a programming class, so some ability to program in a modern language is useful, but the course is suitable for researchers using any language, framework, or platform. This includes Linux, Python, R, MATLAB, Java, Hadoop, STORM, SPARK, and Microsoft technologies such as C#, F#, Microsoft .NET, Windows Azure SQL Database, and various Windows Azure services.

Some basic exposure to cloud computing is helpful, but no real expertise or usage experience is required; the focus of the class is to teach you this. Learning outcomes include:

- (1) Gaining an understanding of cloud computing and why and when you would use it in scientific or other research;
- (2) Acquiring hands-on experience in the major design patterns for successful cloud applications;
- (3) Developing the skills to run your own application/services on Windows Azure.