

# Software Engineering for Economists

Cloud Computing

## Agenda

- ▶ Basics
- ▶ Tutorial
  - ▶ Virtual Machine
  - ▶ Blob Storage

# Basics

## What is Cloud Computing?

*On-demand services, delivered over the network.*

Relevant Services:

- ▶ Virtual Machines
- ▶ Storage Accounts

## Why in Economic Research?

- ▶ Big Compute

- ▶ Estimation
- ▶ Simulation
- ▶ Perturbation

- ▶ Big Data

- ▶ Storage
- ▶ Collection
- ▶ Collaboration

## Providers

Google Compute Engine <https://cloud.google.com>

Amazon Web Services <https://aws.amazon.com>

Microsoft Azure <http://azure.microsoft.com>

*Microsoft Azure*

## Resources

Microsoft Azure <http://azure.microsoft.com>

Python Development <http://azure.microsoft.com/python>

Microsoft Research <http://research.microsoft.com/azure>

▶ Training Events

▶ Webinars

▶ Online Tutorials

▶ Award Program