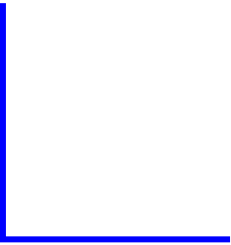# Software Engineering
Lecture 3
More IAAS Demos & Discussion

Gregory S. DeLozier, Ph.D.
Kent State University
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Amazon

- Lots of services
- Complex
- Relatively affordable
- Very secure

Digital Ocean

- Servers only
- Additional storage
- Load balancers on the way
- Affordable
- Easy to use
- Lots and lots of tutorials

Linode

- Very competitive with DO
- Excellent support
- Excellent backup system
- Affordable
- Also has lots of tutorials

Azure

- Lots of variety in computers
- Moderately expensive
- Student programs available
- Lots of services -- big data, machine learning, etc.
- Azure Notebooks -- python notebooks, very cool
- Billing and login is occasionally a nightmare
- Interferes with use of other MS services
   (e.g. hard to use Office365 and Azure at the
   same time on different accounts)

Google

- Everyone has an account
- Free tiers for lots of things
- Probably better as PAAS or SAAS
    - computational engines
    - docker containers
    - map & search SAAS offerings

Vagrant

- Set up a local server
- Easy to use on your own box
- Can run modest Linux capabilities

Homework

- Set up a Linux VM somewhere, and log into it.
- Discuss what you learned in the process.