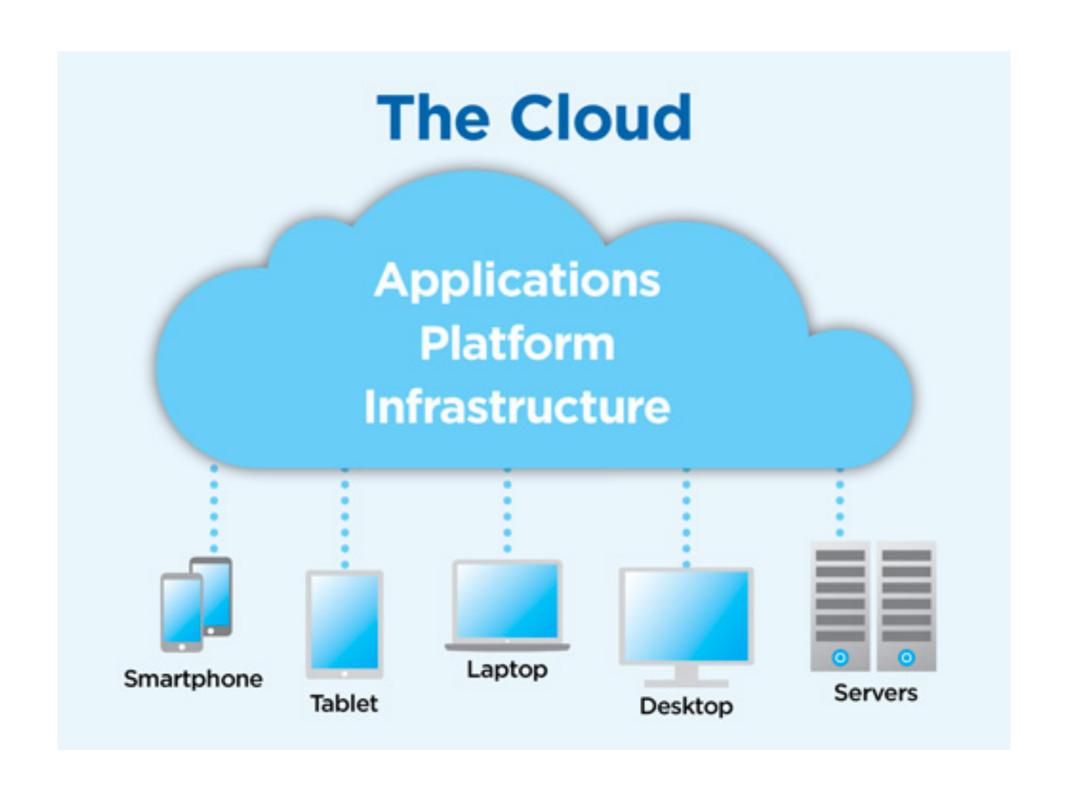
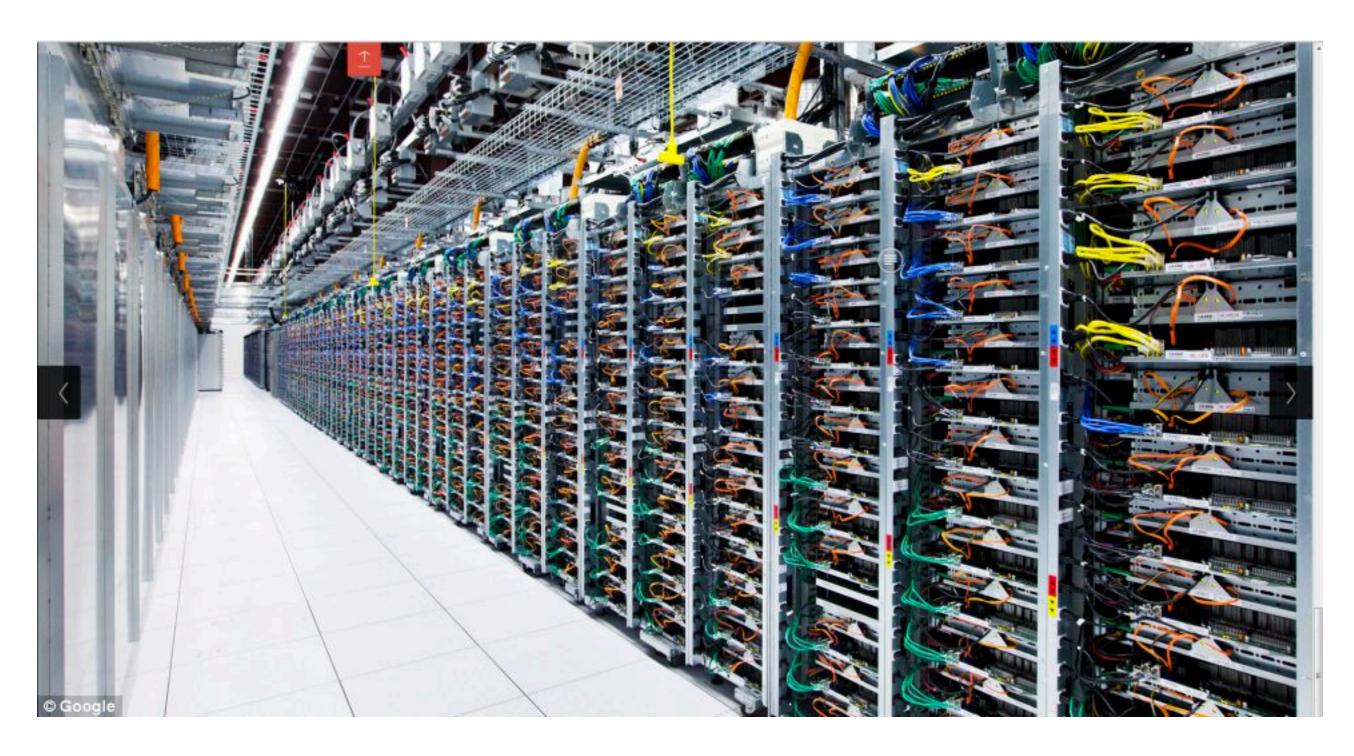
# Amazon Web Services Tutorial

(Cloud Computing)



## What?





http://www.dailymail.co.uk/sciencetech/article-2219188/Inside-Google-pictures-gives-look-8-vast-data-centres.html

## Why?

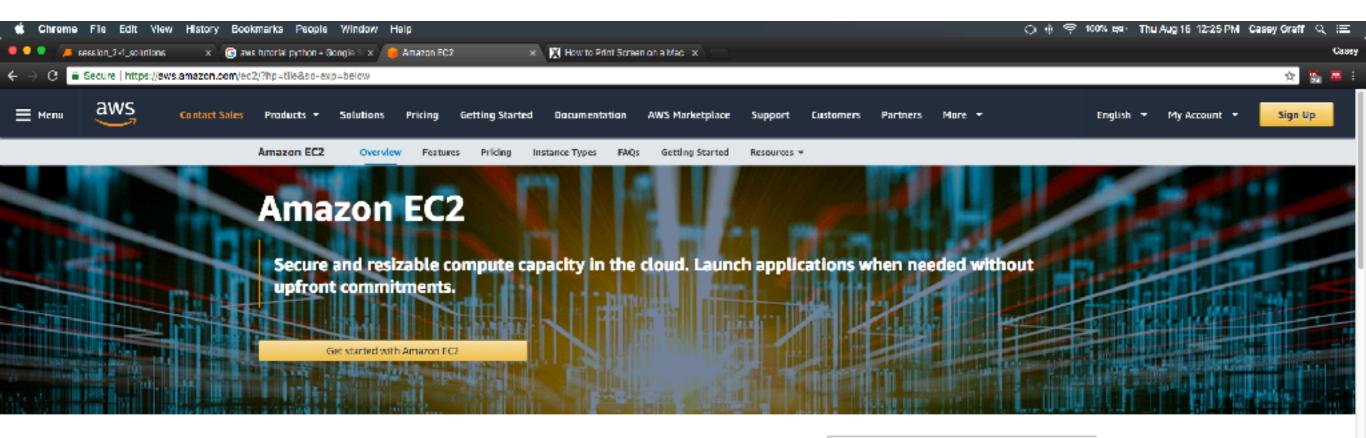
- Hyperparameters
- Large Models
- Specialized hardware

### How?

 Your school's or lab's computing resources ("pseudo"cloud



- https://www.xsede.org/
- Amazon Web Servies (AWS), Google Cloud, etc.



Amazon Elastic Compute Cloud (Amazon EC2) is a web service that provides secure, resizable compute capacity in the cloud. It is designed to make web-scale cloud computing easier for developers.

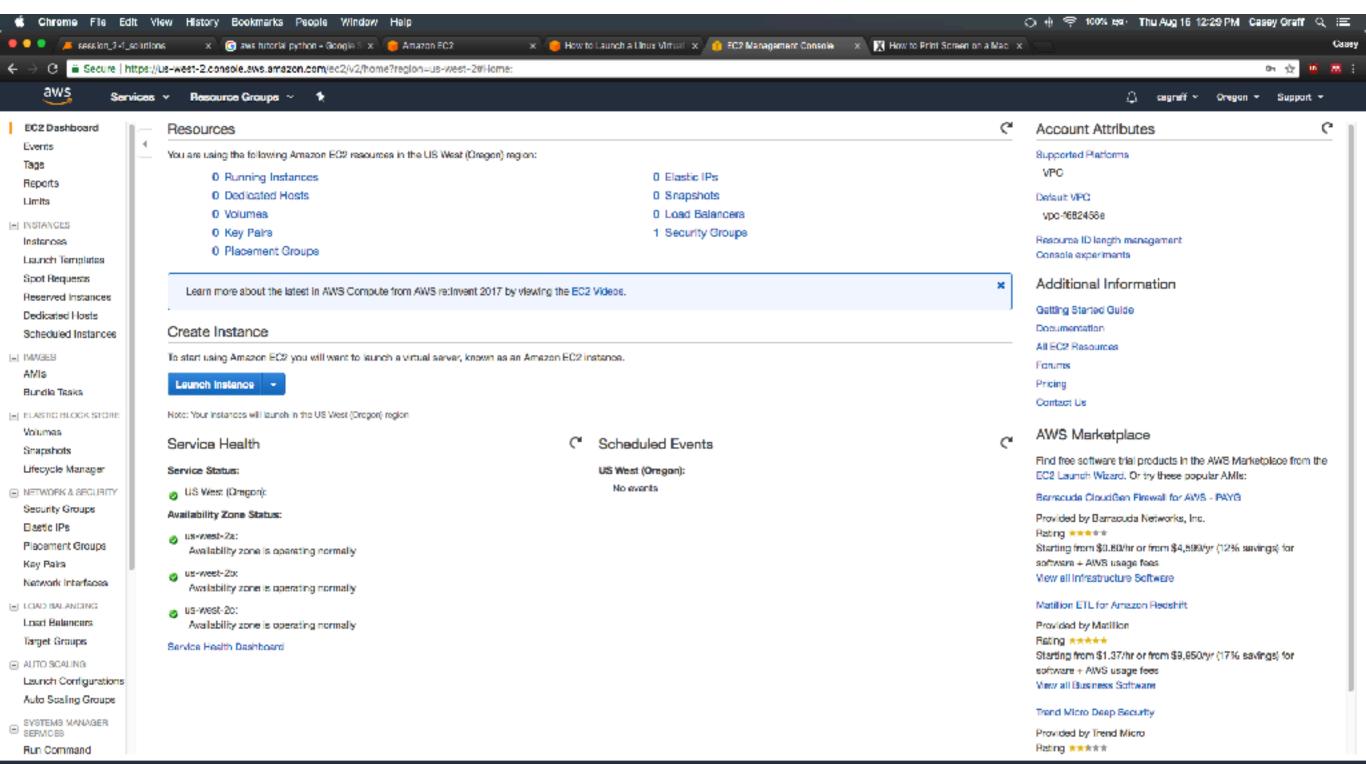
Arrazon EC2's simple web service interface allows you to obtain and configure capacity with minimal friction. It provides you with complete control of your computing resources and lets you run on Amazon's proven computing environment. Amazon EC2 reduces the time required to obtain and boot new server instances to minutes, allowing you to quickly scale capacity, both up and down, as your computing requirements change. Amazon EC2 changes the economics of computing by allowing you to pay only for capacity that you actually use. Amazon EC2 provides developers the tools to build failure resilient applications and isolate them from common failure scenarios.

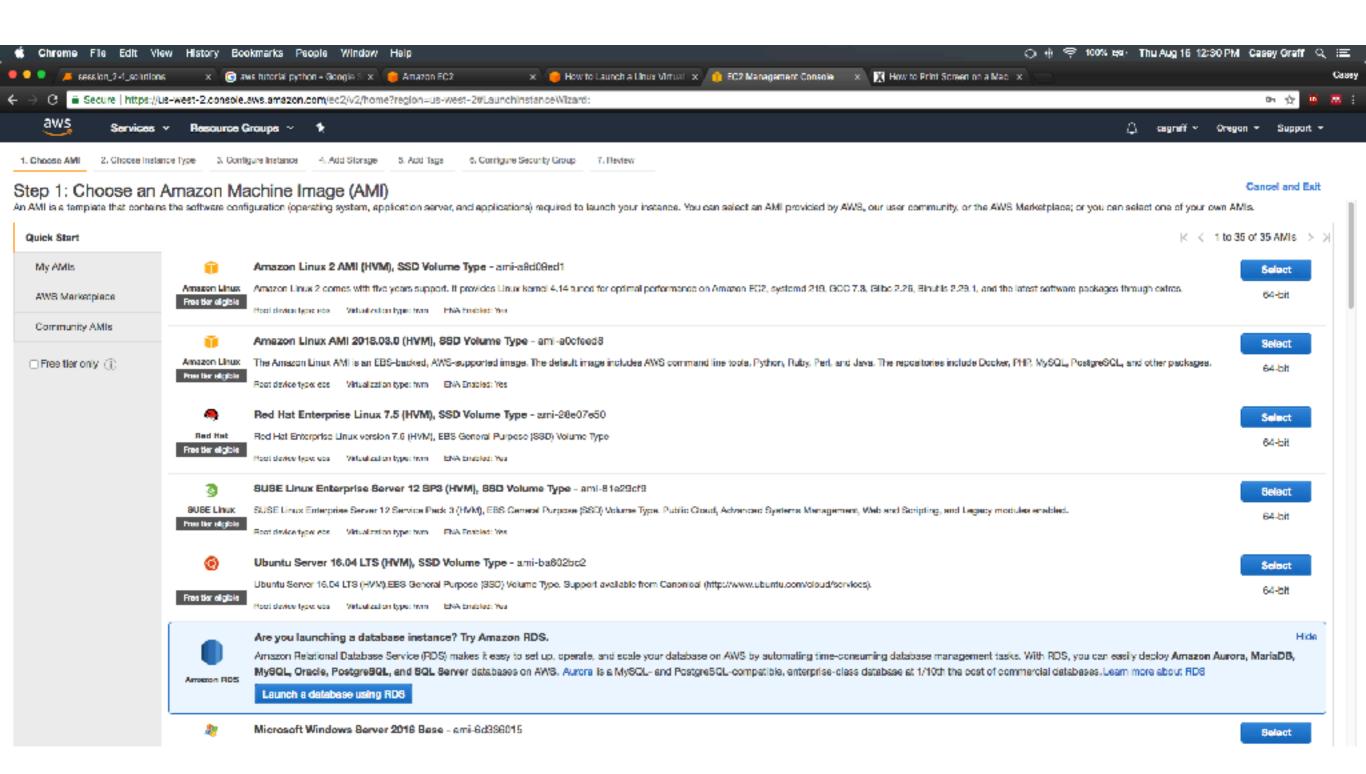
### Try Amazon EC2 for Free

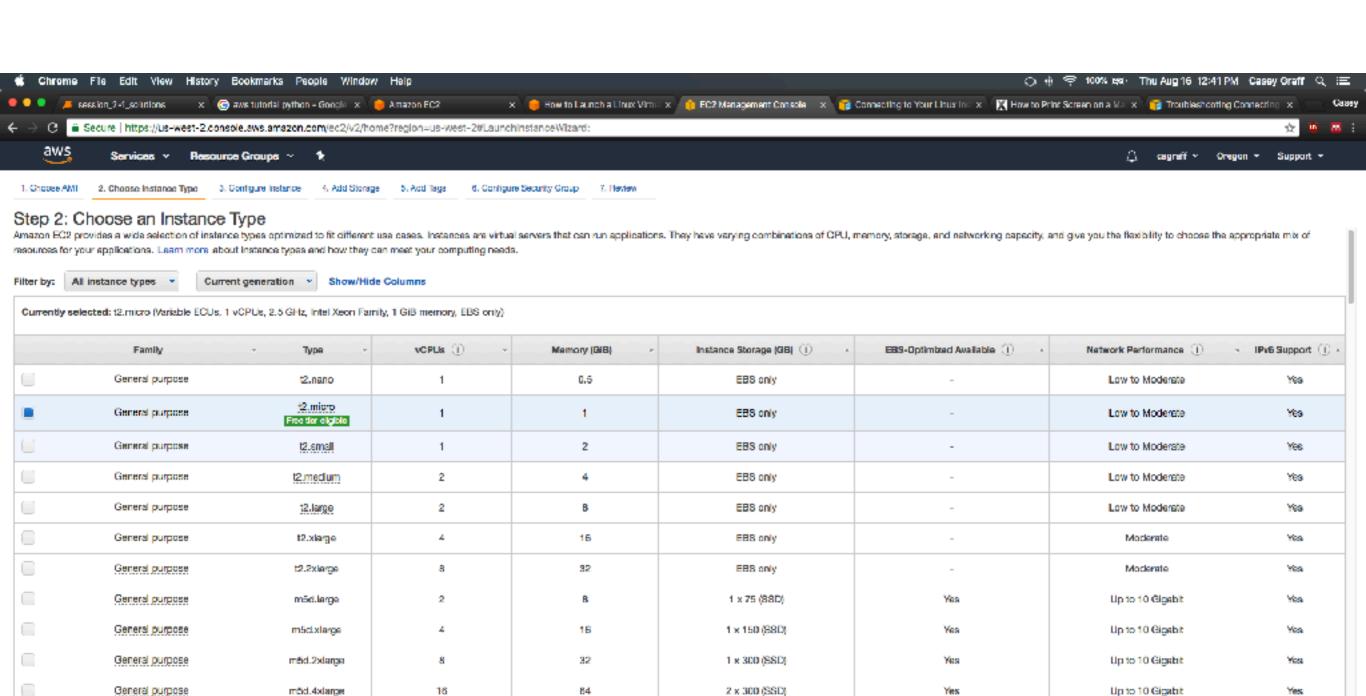
AWS Free Tier includes 750 hours of Linux and Windows t2.micro instances each month for one year. To stay within the Free Tier, use only EC2 Micro instances.

View AWS Free Tier details >>

### **Benefits**







2 x 900 (SSD)

Previous Review and Launch Next: Configure Instance Details Cancel

10 Gigabit

Feedback English (US)

General purpose

mäd.12xlarge

48

192

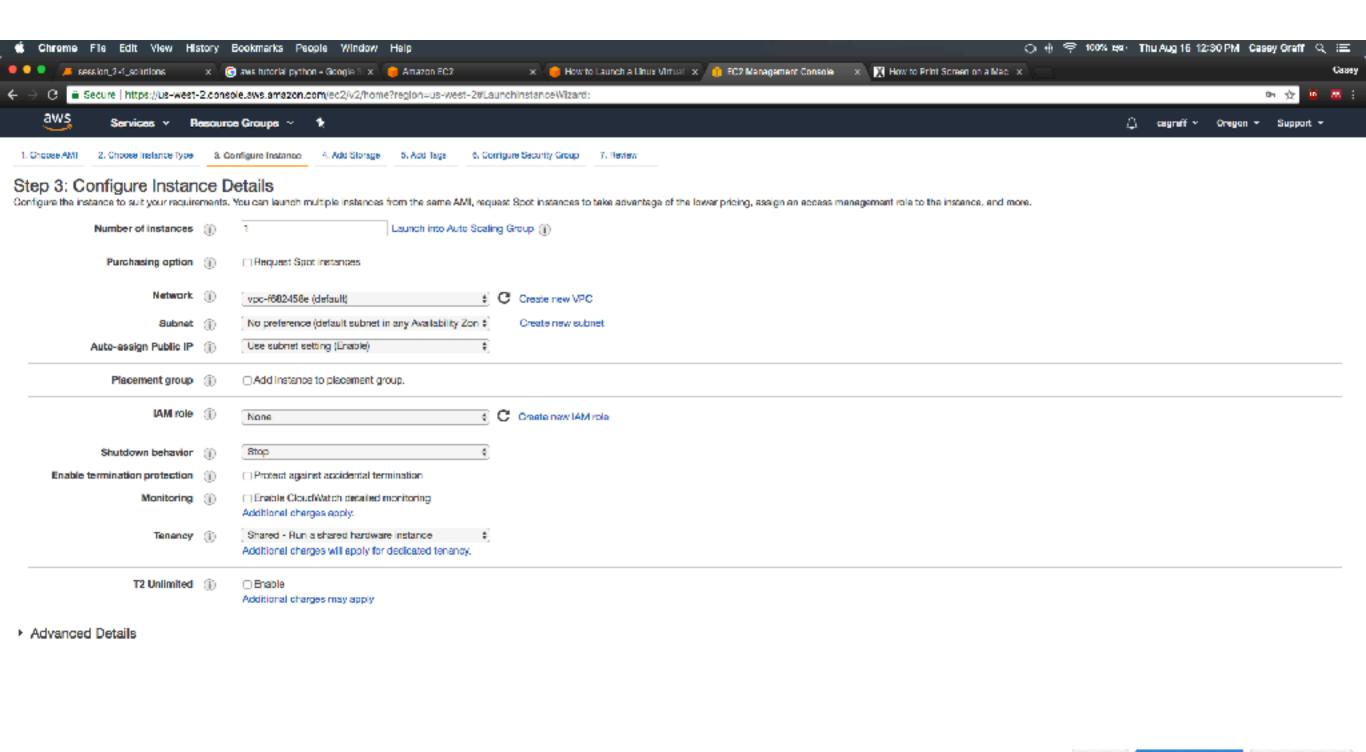
Yess

Show All X

Yes.

MacOS-Scion.pem

© 2008 - 2018, Amazon Web Services, Inc. or its affiliates. All rights reserved.



Next: Add Storage

Cancel Previous

