

FarmShare and AWS EC2

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May 21, 2019

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Today

Today

1. Stanford FarmShare

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2. AWS EC2

Stanford FarmShare

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- ▶ Free computing services from Stanford

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- ▶ Need to ask for additional resources if you exceed computing limit (max runtime is 2 days, memory limits)

Tutorial

`https://srcc.stanford.edu/farmshare2/connecting`

Demo

Amazon Web Services EC2

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- ▶ Costs money

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- ▶ Free tier for your first year

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- ▶ Costs money
- ▶ Free tier for your first year
- ▶ Near-infinite flexibility

Info on Instance Types

<https://aws.amazon.com/ec2/instance-types/>

Tutorial - setting up AWS

`https://www.datacamp.com/community/tutorials/aws-ec2-beginner-tutorial`

Tutorial - connecting to a Linux Instance

`https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/putty.html?icmpid=docs_ec2_console`

Tutorial - Installing and Running R on EC2

<https://www.r-bloggers.com/instructions-for-installing-using-r-on-amazon-ec2/>