

# Exercise Guide CLO 2019

VMWare VM: <https://oxclo.s3-eu-west-1.amazonaws.com/oxclo2019-vmware.zip>

VirtualBox VM: <https://oxclo.s3-eu-west-1.amazonaws.com/oxclo2019-vb.ova>

(or better: see me for a hard disk with VMWare and VirtualBox images)

VM U/P: oxclo/oxclo

AWS login link:

<https://ox-clo.signin.aws.amazon.com/console>

AWS login: oxcloXX / oxcloXX (change password first time).

Mac Login: cloXX / CLO (change password first time).

Exercises: <https://freo.me/oxclo-exercises>

Exercise	Description
1	Getting Started with Amazon AWS / EC2
2	Scaling an app in EC2. Userdata.
3	Elastic load-balancing in AWS
4	Simple Docker Docker-machine
5	Python, Pandas, Matplotlib
6	Apache Hadoop introduction
7	Apache Spark and Python Word Count
8	Apache Spark on EC2, flintrock, Jupyter on EC2
9	More Spark!
10	Even More Spark!
11	Basic Cassandra, Importing data via Spark
12	Understanding CQL
13	Clustering k-means
14	Stream Processing