

# Exercise Guide CLO 2020

VirtualBox VM: <https://oxclo.s3-eu-west-1.amazonaws.com/oxclo2020.ova>

For the Ubuntu VM username and password : **oxclo/oxclo**

**AWS login link:**

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

**AWS login: oxcloXX / oxcloXX** (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 Spark and Python Word Count
7	Apache Spark on EC2, flintrock, Jupyter on EC2
8	More Spark!
9	Even More Spark!
10	Basic Cassandra, Importing data via Spark
11	Understanding CQL
12	Clustering k-means
13	Stream Processing / Kappa