< User Guide for iss-vm >

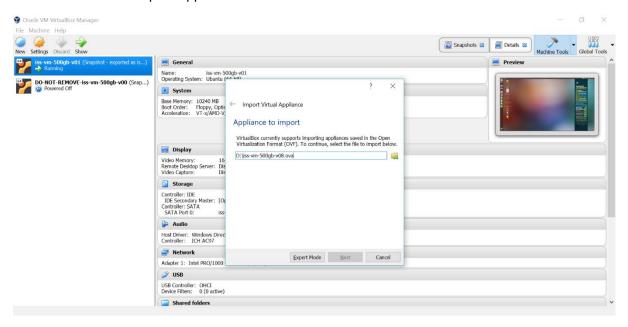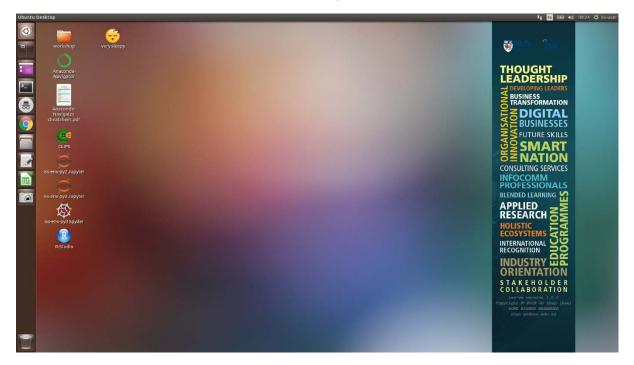**Installation steps:**

1. Download and install Virtualbox software: https://www.virtualbox.org/wiki/Downloads
2. Download iss-vm virtual machine (an Appliance) from: http://bit.ly/SamGu
3. Start Virtualbox software
4. Click File → Import Appliance

5. Click Start to use iss-vm
6. Most data science software are on the desktop

This iss-vm Ubuntu 16.04 contains contains:

Anaconda3-5.0.1-Linux-x86_64

Python 3.6 in conda environment: iss-env-py3

Python 2.7 in conda environment: iss-env-py2

Jupyter Notebook

Jupyter R kernel

Spyder

Orange3

scikit-learn

tensorflow

pytorch

keras

conda

pip

nltk & nltk data : nltk.download('popular')

R

R Studio

R Rattle

CLIPS (Rule Based Expert System)

Git (Git Bash)

Solver (Nonlinear Programming / Genetic Algorithms) for LibreOffice

MySQL

Google Cloud SDK: gcloud & datalab

Google APIs Client Library for Python: google-api-python-client

linux machine name   : iss-vm

linux user id	: iss-user
linux user password	: iss-user
anaconda python 3 environment	: iss-env-py3
anaconda python 2 environment	: iss-env-py2
MySQL user id	: iss-user
MySQL user password	: iss-user
MySQL root user id	: root
MySQL root user password	: iss-user

VirtualBox shared folder in guest (iss-vm linux) operating system:

/media/sf_vm_shared_folder

VirtualBox shared folder in host operating system:

D:\0020_vm_disk\vm_shared_folder

To display linux/ubuntu keyboard shortcuts:

Long hold of SUPER Key (WINDOWS Key)