Install Ubuntu 22.04 in Microsoft store:

A screenshot of a phone

Description automatically generated

After the installation, press “open”.

If you reach this error:

A screenshot of a computer

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Go to “turn windows feature on and off” (Type “turn” in search bar):

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Tick “Windows subsystem for linux”:

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If you have this issue:

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Refer here: <https://learn.microsoft.com/en-us/windows/wsl/install-manual>

Click ubuntu 22.04 again:

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Hadoop 2.10.2 download link: <https://dlcdn.apache.org/hadoop/common/hadoop-2.10.2/hadoop-2.10.2.tar.gz>

<https://hadoop.apache.org/docs/stable/hadoop-project-dist/hadoop-common/SingleCluster.html>

$ ssh-keygen -t rsa -P '' -f ~/.ssh/id\_rsa

$ cat ~/.ssh/id\_rsa.pub >> ~/.ssh/authorized\_keys

$ chmod 0600 ~/.ssh/authorized\_keys

If not working (Connection refused error), try this:

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**In Lab 3 (To be read together with the original lab 3 slides):**

“systemctl start mysql” change to: “sudo service mysql start”

Update root user password:

sudo mysql

ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password BY '<password>';

Copy file from windows folder to ubuntu:

cp /mnt/c/Users/hoo/Downloads/churn\_reduced.csv .

C:\Users\hoo\Downloads\churn\_reduced.csv

Set global variable for local infile in mysql to on:

SET GLOBAL local\_infile=ON;

Sqoop installation files:

https://archive.apache.org/dist/sqoop/1.4.7/sqoop-1.4.7.bin\_\_hadoop-2.6.0.tar.gz