Unit 1.4 Graded Assignment: Docker

Instructions:

- **Build an image based on Jupyter Notebook (jupyter/minimal-notebook) with Pandas installed (pip install pandas)**
- **Create a container from this image and use the NOTEBOOK_ARGS=--port=8889 environment variable to change the port Jupyter is exposed on**
- **Verify you can access it on port 8889 and that Pandas is installed (type import pandas in a notebook).**

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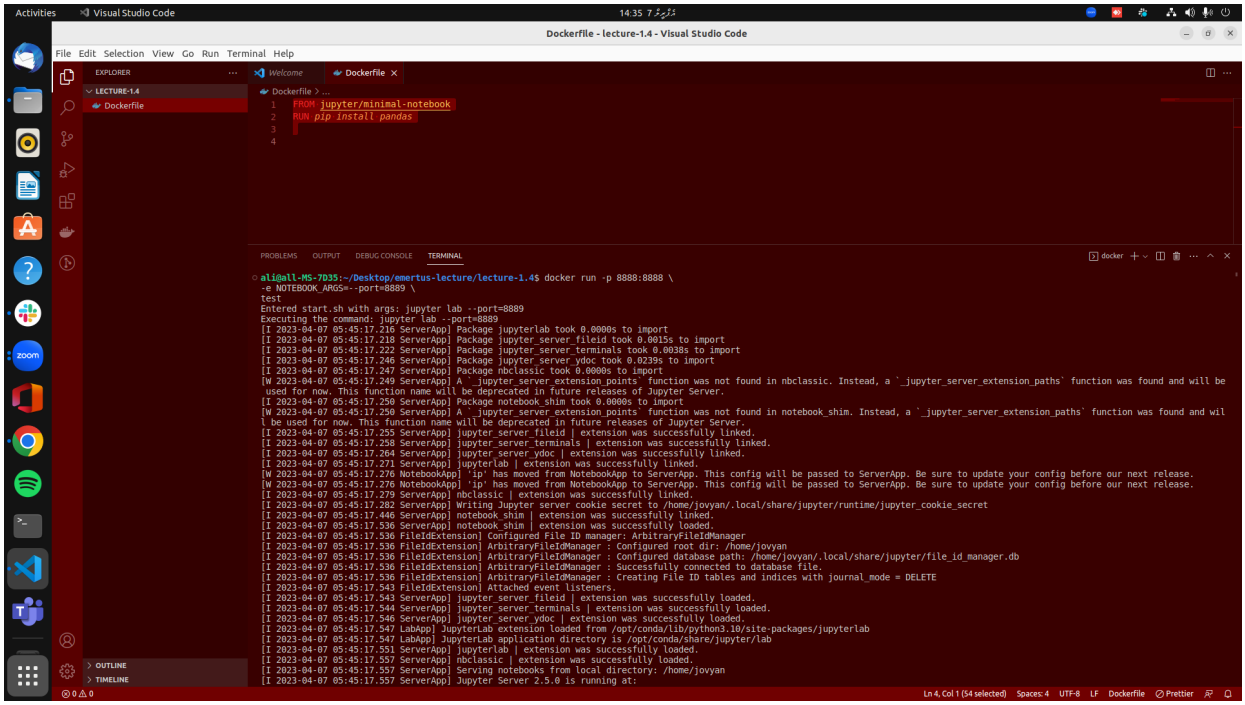
Solution:

In this assignment we have implemented Docker exercise

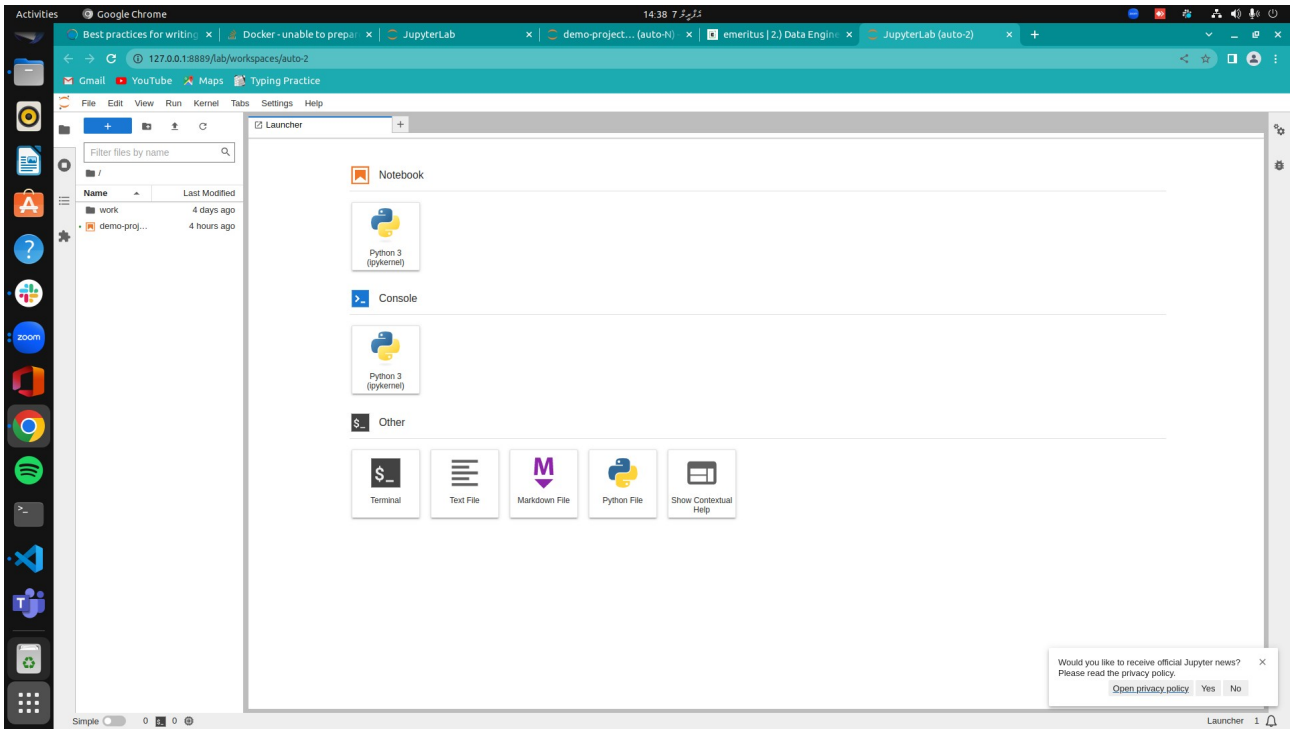
1. First we call Jupyter Notebook by writing “From jupyter/minimal-notebook”.



2. Second we write on terminal “docker build -t <filename> . “

3. in end we write this command on teminal “docker run -p 8889:8889 \
-e NOTEBOOK_ARGS=--port=8889 \
test”

4. after running above command we get jupyter window open in our system.



5. In jupyter notebook write command “import pandas as pd” and run.