1. Install Docker on Windows <https://docs.docker.com/desktop/windows/install/>
2. Clone repository <https://github.com/jupyter/docker-stacks>

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1. Rebuild docker "pyspark-notebook" image to support spark 3.0.0 version for PyDeequ needs according to instructions: <https://jupyter-docker-stacks.readthedocs.io/en/latest/using/specifics.html>

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1. Edit docker file

ARG spark\_version="3.0.0"

ARG hadoop\_version="3.2"

ARG scala\_version

ARG spark\_checksum="67bc912e9192ef2159540cb480820e5466dfd91e907c97c5a4787587e3020be042b76c40c51854f2a5dbeb8c3775fe12d9021c1200c4704463ec644132243a69"

ARG openjdk\_version="8"

5 Add sqlserverjdbc.jar

COPY "corelibs/odbc/sqlserverjdbc.jar" "/home/jars/sqlserver/sqlserverjdbc.jar"

1. Rebuild docker "pyspark-notebook" image to support spark 3.0.0 version for PyDeequ needs according to instructions: https://jupyter-docker-stacks.readthedocs.io/en/latest/using/specifics.html

docker build --rm --force-rm -t jupyter/pyspark-notebook:spark-3.0.0 ./pyspark-notebook --build-arg spark\_version=3.0.0 --build-arg spark\_checksum=bfe45406c67cc4ae00411ad18cc438f51e7d4b6f14eb61e7bf6b5450897c2e8d3ab020152657c0239f253735c263512ffabf538ac5b9fffa38b8295736a9c387 --no-cache --build-arg openjdk\_version=8

1. Run rebuilt docker image:

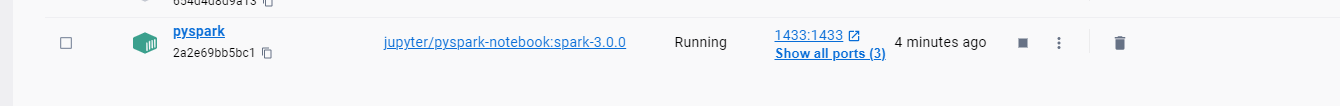
docker run -v $(pwd):/home/jovyan/work -p 8888:8888 -p 4040:4040 -p 1433:1433 --user root -e JUPYTER\_ENABLE\_LAB=yes --name pyspark jupyter/pyspark-notebook:spark-3.0.0

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*spark-submit –version*

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Run notebook

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