```
FROM continuumio/miniconda3:4.9.2
ARG port=8888
ENV NOTEBOOK_PORT $port
RUN conda config --set auto_update_conda false \
    && conda config --set notify_outdated_conda false \
    && conda config --prepend channels conda-forge \
    && conda config --set channel_priority strict \
    && conda install -Sy \
        python==3.8.5 \
        pip==20.2.4 \
        notebook=6.1.4 \
        ipywidgets=7.5.1 \
        jupyter_contrib_nbextensions=0.5.1 \
        tini=0.18.0 \
        numpy=1.19.1 \
        pandas=1.1.2 \setminus
        matplotlib=3.2.2 \
        seaborn=0.11.0 \setminus
    && conda clean -afy
COPY jupyter_notebook_config.py /root/.jupyter/
WORKDIR "/mnt"
ENTRYPOINT ["tini", "-g", "--"]
CMD ["jupyter", "notebook"]
```

Data analyses in Docker

3. Run a container

Dockerfile Instructions

ENTRYPOINT

 Executable always run when a container starts. Cannot be overridden from the command line.



command to run, if no ENTRYP0INT). Can be overridden from the command line.

Default arguments passed to ENTRYP0INT (or default

3. Run a container

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1. Write a Dockerfile

3. Run a container

2. Build an image

Executable always run when a container starts.

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COPY jupyter_notebook_config.py /root/.jupyter/
WORKDIR "/mnt"
ENTRYPOINT ["tini", "-g", "--"]
CMD ["jupyter", "notebook"]
```