**### CNN Container 실습 ###**

**01. rusita/cnn-image 다운로드**

# docker image pull rusita/cnn-image

**02. rusita/cnn-image 확인**

# docker images

**03. rusita/cnn-image 다운로드**

# docker run -d --name cnn -p 5000:5000 rusita/cnn-image

**04. cnn Container 확인**

# docker container ps

**05. CNN Service 실행 확인**

>>> Chrome >>> http:127.0.0.1:5000

**06. cnn Container 삭제**

# docker container rm -f cnn

**07. rusita/cnn-image 삭제**

# docker rmi rusita/cnn-image

**### CNN Image Build 실습 ###**

**01. Container\_CNN.zip 다운로드 및 Unzip**

>>> **Container\_CNN.zip** 다운로드 >>> **/root** 디렉토리로 이동

>>> **Unzip Container\_CNN.zip** (마우스 오른쪽버튼 클릭 >>> 여기에 풀기)

**02. Container\_CNN 디렉토리로 이동**

# cd Container\_CNN

**03. Dockerfile 확인**

# cat Dockerfile

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FROM python:3.8-buster

WORKDIR /tfcnn

# Copy files

COPY . .

# Install packages

RUN apt-get -y update && apt-get -y upgrade

RUN apt-get -y install libavcodec-dev libavformat-dev libswscale-dev

RUN apt-get -y install libgstreamer-plugins-base1.0-dev libgstreamer1.0-dev libswscale-dev libxvidcore-dev libx264-dev libxine2-dev

RUN apt-get -y install libgtk-3-dev

RUN pip3 install --upgrade pip

RUN pip3 install -r requirements.txt

EXPOSE 5000

CMD ["python3", "./app.py"]

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**04. 도커 이미지 빌드 (약 6분)**

# docker build -t cnn-image .

**05. 도커 이미지 확인**

# docker images

**06. 도커 컨테이너 실행**

# docker run -d --name cnn -p 5000:5000 cnn-image

**07. 도커 컨테이너 확인**

# docker container ps

**08. 도커 컨테이너 삭제**

# docker container rm -f cnn

* **수고하셨습니다 -**