

Capturas

```
(base) PS C:\Users\ramir\Lab02_MLP - Docker> docker build -t entrenamiento-imagen -f Dockerfile.entrenamiento.dockerfile .
[+] Building 1.2s (12/12) FINISHED
=> [internal] load build definition from Dockerfile.entrenamiento.dockerfile
=> => transferring dockerfile: 622B
=> [internal] load metadata for docker.io/library/python:3.9
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 4.08kB
=> [1/7] FROM docker.io/library/python:3.9@sha256:8e0fd8e1bd3caa6ea74d1c408ad5a854c6b8f0e32cef9886d27d4d1bb9caeac
=> CACHED [2/7] WORKDIR /app
=> CACHED [3/7] COPY requirements.txt ./
=> CACHED [4/7] RUN pip install --no-cache-dir -r requirements.txt
=> CACHED [5/7] RUN mkdir -p data /modelos /resultados
=> CACHED [6/7] COPY data/train.csv data/train.csv
=> CACHED [7/7] COPY script_train.py ./
=> exporting to image
=> => exporting layers
=> writing image sha256:4e208eff2e648849cb8f33474bc0ac5ec4324ccf5bfc6cd67a4bfd2dcc99f34e
=> naming to docker.io/library/entrenamiento-imagen
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What's Next?
View a summary of image vulnerabilities and recommendations - docker scout quickview
(base) PS C:\Users\ramir\Lab02_MLP - Docker> docker run -v $(pwd)/directorios_locales/modelos:/modelos -v $(pwd)/directorios_locales/resultados:/resultados en
trenamiento-imagen
Decision Tree Classifier Report
Fitting 2 folds for each of 2 candidates, totalling 4 fits
Mejores hiperparametros: {'classifier__n_estimators': 200, 'classifier__max_depth': 10, 'classifier__learning_rate': 0.2, 'classifier__gamma': 0.4}
XGBoost Classifier Report

(base) PS C:\Users\ramir\Lab02_MLP - Docker> docker run -v $(pwd)/directorios_locales/modelos:/modelos -v $(pwd)/directorios_locales/resultados:/resultados -v
$(pwd)/data:/data prediccio-imagen
Traceback (most recent call last):
  File "app/script_prod.py", line 26, in <module>
    test_df = test_df.drop('price_range', axis=1)
  File "/usr/local/lib/python3.9/site-packages/pandas/util/_decorators.py", line 311, in wrapper
    return func(*args, **kwargs)
  File "/usr/local/lib/python3.9/site-packages/pandas/core/frame.py", line 4901, in drop
    return super().drop(
  File "/usr/local/lib/python3.9/site-packages/pandas/core/generic.py", line 4147, in drop
    obj = obj._drop_axis(labels, axis, level=level, errors=errors)
  File "/usr/local/lib/python3.9/site-packages/pandas/core/generic.py", line 4182, in _drop_axis
    new_axis = axis.drop(labels, errors=errors)
  File "/usr/local/lib/python3.9/site-packages/pandas/core/indexes/base.py", line 6018, in drop
    raise KeyError(f"{labels[mask]} not found in axis")
KeyError: ["price_range"] not found in axis
(base) PS C:\Users\ramir\Lab02_MLP - Docker> docker build -t prediccio-imagen -f Dockerfile.prediccio.dockerfile .
[+] Building 1.0s (12/12) FINISHED
=> [internal] load build definition from Dockerfile.prediccio.dockerfile
=> => transferring dockerfile: 613B
=> [internal] load metadata for docker.io/library/python:3.9
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load build context
=> => transferring context: 1.65kB
=> [1/7] FROM docker.io/library/python:3.9@sha256:8e0fd8e1bd3caa6ea74d1c408ad5a854c6b8f0e32cef9886d27d4d1bb9caeac
=> CACHED [2/7] WORKDIR /app
=> CACHED [3/7] COPY requirements.txt ./
=> CACHED [4/7] RUN pip install --no-cache-dir -r requirements.txt
=> CACHED [5/7] RUN mkdir -p data /modelos /resultados
=> CACHED [6/7] COPY data/test.csv data/test.csv
=> [7/7] COPY script_prod.py ./
=> exporting to image
=> => exporting layers
=> writing image sha256:41c03bef78e781a69bef4730dc450da7fbc4eab7635acb9d036f1440778bed1a
=> naming to docker.io/library/prediccio-imagen
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What's Next?
1. Sign in to your Docker account - docker login
2. View a summary of image vulnerabilities and recommendations - docker scout quickview
(base) PS C:\Users\ramir\Lab02_MLP - Docker> docker run -v $(pwd)/directorios_locales/modelos:/modelos -v $(pwd)/directorios_locales/resultados:/resultados -v
$(pwd)/data:/data prediccio-imagen
Predicciones guardadas en /resultados/predictions_2024-08-26.csv
```