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ID: 2206159

Analysis report

```dockerfile
1  FROM jupyter/datascience-notebook
2
3  # Set the working directory to /app
4  WORKDIR /app
5
6  # Copy the current directory contents into the container at /app
7  COPY . /app
8
9  # Install any needed packages specified in requirements.txt
10 RUN pip install -r requirments.txt
11
12 # Make port 8888 available to the world outside this container
13 EXPOSE 8888
14
15 # Define environment variable
16 ENV NAME World
17
18 # Run Jupyter Notebook when the container launches
19 CMD ["jupyter", "notebook", "--ip='0.0.0.0'", "--port=8888", "--no-browser", "--allow-root"]
20
```
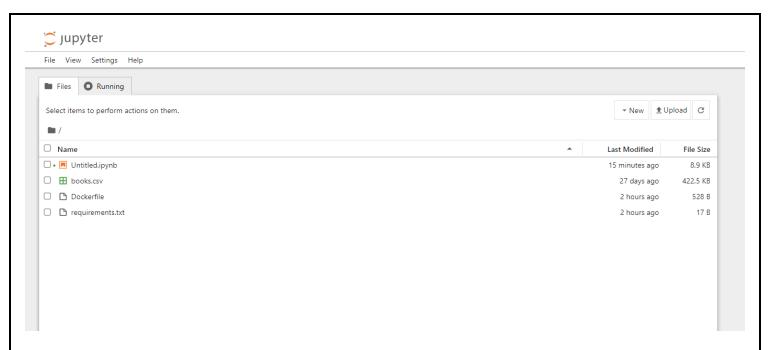
```
own.
PS D:\docker\app> docker build -t my-jupyter .
[+] Building 485.2s (10/10) FINISHED                                        docker:default
 => [internal] load build definition from Dockerfile                                  0.0s
 => => transferring dockerfile: 562B                                                  0.0s
 => [internal] load metadata for docker.io/library/python:3.11                        1.8s
 => [auth] library/python:pull token for registry-1.docker.io                        0.0s
 => [internal] load .dockerignore                                                     0.0s
 => => transferring context: 2B                                                       0.0s
 => [1/4] FROM docker.io/library/python:3.11@sha256:02cac3c59c68fde7661f14f0d9f1210c64f4b617263c1093e7d9191358b12  0.0s
 => [internal] load build context                                                     0.0s
 => => transferring context: 971B                                                     0.0s
 => CACHED [2/4] WORKDIR /app                                                         0.0s
 => [3/4] COPY . /app                                                                 0.0s
 => [4/4] RUN pip install pandas jupyter                                            481.8s
 => exporting to image                                                                1.6s
 => => exporting layers                                                               1.5s
 => => writing image sha256:78be5d74bbe138418ba40fa0cf25fd70cd877395d2ae94bece1f6bfa56a250c5  0.0s
 => => naming to docker.io/library/my-jupyter                                         0.0s

View build details: docker-desktop://dashboard/build/default/default/no0iyznacdr2brw5zw0iqe672
```

Result:

```
      book_id  goodreads_book_id  best_book_id    work_id  books_count  \
1           2                  3             3    4640799          491
6          18                  5             5    2402163          376
8          21                  2             2    2809203          307
9          23              15881         15881    6231171          398
10         24                  6             6    3046572          332
11         25             136251        136251    2963218          263
12         27                  1             1   41335427          275
96        422             862041        862041    2962492           76
613      3753                 10            10   21457570            6
1036     7018             483445        483445     471792           42

              isbn        isbn13                                authors  \
1        439554934  9.780440e+12           J.K. Rowling, Mary GrandPré
6       043965548X  9.780440e+12  J.K. Rowling, Mary GrandPré, Rufus Beck
8        439358078  9.780439e+12           J.K. Rowling, Mary GrandPré
9        439064864  9.780439e+12           J.K. Rowling, Mary GrandPré
10       439139600  9.780439e+12           J.K. Rowling, Mary GrandPré
11       545010225  9.780545e+12           J.K. Rowling, Mary GrandPré
12       439785960  9.780440e+12           J.K. Rowling, Mary GrandPré
96       545044251  9.780545e+12                          J.K. Rowling
613      439827604  9.780440e+12                          J.K. Rowling
1036    042519891X  9.780425e+12                         David Colbert

      original_publication_year  \
1                        1997.0
6                        1999.0
8                        2003.0
9                        1998.0
10                       2000.0
11                       2007.0
12                       2005.0
96                       1998.0
613                      2005.0
1036                     2001.0
```

```
                                    original_title  ... ratings_count  \
1              Harry Potter and the Philosopher's Stone  ...       4602479
6             Harry Potter and the Prisoner of Azkaban  ...       1832823
8           Harry Potter and the Order of the Phoenix  ...       1735368
9             Harry Potter and the Chamber of Secrets  ...       1779331
10              Harry Potter and the Goblet of Fire  ...       1753043
11              Harry Potter and the Deathly Hallows  ...       1746574
12            Harry Potter and the Half-Blood Prince  ...       1678823
96                     Complete Harry Potter Boxed Set  ...        190050
613           Harry Potter Collection (Harry Potter, #1-6)  ...         24618
1036  The Magical Worlds of Harry Potter: A Treasury...  ...         13820

      work_ratings_count  work_text_reviews_count  ratings_1  ratings_2  \
1                 4800065                    75867      75504     101676
6                 1969375                    36099       6716      20413
8                 1840548                    28685       9528      31577
9                 1906199                    34172       8253      42251
10                1868642                    31084       6676      20210
11                1847395                    51942       9363      22245
12                1785676                    27520       7308      21516
96                 204125                     6508       1105       1285
613                 26274                      882        203        186
1036                15145                      267        329       1125

      ratings_3  ratings_4  ratings_5  \
1        455024    1156318    3011543
6        166129     509447    1266670
8        180210     494427    1124806
9        242345     548266    1065084
10       151785     494926    1195045
11       113646     383914    1318227
12       136333     459028    1161491
96         7020      30666     164049
613         946       3891      21048
1036       3766       3593       6332
```

```
                                                    image_url  \
1       https://images.gr-assets.com/books/1474154022m...
6       https://images.gr-assets.com/books/1499277281m...
8       https://images.gr-assets.com/books/1387141547m...
9       https://images.gr-assets.com/books/1474169725m...
10      https://images.gr-assets.com/books/1361482611m...
11      https://images.gr-assets.com/books/1474171184m...
12      https://images.gr-assets.com/books/1361039191m...
96      https://images.gr-assets.com/books/1392579059m...
613     https://images.gr-assets.com/books/1328867351m...
1036    https://s.gr-assets.com/assets/nophoto/book/11...

                                                    small_image_url
1       https://images.gr-assets.com/books/1474154022s...
6       https://images.gr-assets.com/books/1499277281s...
8       https://images.gr-assets.com/books/1387141547s...
9       https://images.gr-assets.com/books/1474169725s...
10      https://images.gr-assets.com/books/1361482611s...
11      https://images.gr-assets.com/books/1474171184s...
12      https://images.gr-assets.com/books/1361039191s...
96      https://images.gr-assets.com/books/1392579059s...
613     https://images.gr-assets.com/books/1328867351s...
1036    https://s.gr-assets.com/assets/nophoto/book/50...

[10 rows x 23 columns]
Most selling books within the Harry Potter series:
                                        title  ratings_count
1    Harry Potter and the Sorcerer's Stone (Harry P...      4602479
6    Harry Potter and the Prisoner of Azkaban (Harr...      1832823
9    Harry Potter and the Chamber of Secrets (Harry...      1779331
10   Harry Potter and the Goblet of Fire (Harry Pot...      1753043
11   Harry Potter and the Deathly Hallows (Harry Po...      1746574
Average rating of the Harry Potter books: 4.4910000000000005
```

The avg rating is 4.4910000.

The most selling book is "harry potter and the sorcerer's stone"