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Analysis report

```
1 >> FROM python:3.11
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
=> [internal] load build definition from Dockerfile                                docker:default 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 sha256:78be5d74bbe138418ba40fa0cf25fd70cd877395d2ae94bec1f6bfa56a250c5 0.0s
=> => naming to docker.io/library/my-jupyter                                  0.0s
```

View build details: [docker-desktop:///dashboard/build/default/default/no0iyznacdr2brw5zw0iqe672](https://dashboard.docker.com/build/default/default/no0iyznacdr2brw5zw0iqe672)

Select items to perform actions on them.

New Upload Refresh

/

<input type="checkbox"/>	Name	Last Modified	File Size
<input type="checkbox"/>	Untitled.ipynb	15 minutes ago	8.9 KB
<input type="checkbox"/>	books.csv	27 days ago	422.5 KB
<input type="checkbox"/>	Dockerfile	2 hours ago	528 B
<input type="checkbox"/>	requirements.txt	2 hours ago	17 B

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: 4.491000000000005

```

The avg rating is 4.4910000.

The most selling book is “harry potter and the sorcerer’s stone”