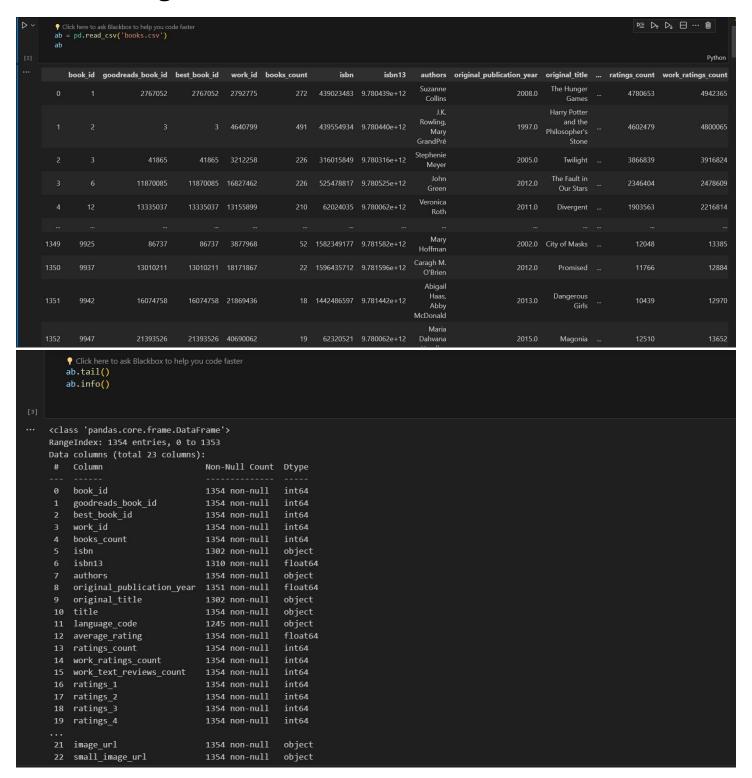
Docker assignment



```
21 image_url
                                     1354 non-null
                                                        object
  22 small_image_url
                                     1354 non-null
                                                        object
 dtypes: float64(3), int64(13), object(7)
 memory usage: 243.4+ KB
 Output is truncated. View as a scrollable element or open in a text editor, Adjust cell output settings...
     Click here to ask Blackbox to help you code faster
     ab['original_publication_year'] = pd.to_datetime(ab['original_publication_year'])
     print(ab['original_publication_year'])
         1970-01-01 00:00:00.000002008
         1970-01-01 00:00:00.000001997
         1970-01-01 00:00:00.000002005
         1970-01-01 00:00:00.000002012
        1970-01-01 00:00:00.000002011
 1349
       1970-01-01 00:00:00.000002002
        1970-01-01 00:00:00.000002012
        1970-01-01 00:00:00.000002013
       1970-01-01 00:00:00.000002015
 1353 1970-01-01 00:00:00.000002013
 Name: original_publication_year, Length: 1354, dtype: datetime64[ns]
    book id goodreads book id best book id work id books count \
                                  3 4640799
                    41865
                                41865 3212258
                              11870085
       9942
                              21393526 40690062
       9947
                   13065327
                              13065327 18230950
                   isbn13
     439023483 9.780439e+12
                                  Suzanne Collins
     439554934 9.780440e+12 J.K. Rowling, Mary GrandPré
                                   Stephenie Meyer
John Green
     525478817 9.780525e+12
                                    Veronica Roth
                                Caragh M. O'Brien
    1596435712 9.781596e+12
1350
    1442486597 9.781442e+12 Abigail Haas, Abby McDonald
     802734375 9.780803e+12
                                   Simone Elkeles
```

```
D v
         Click here to ask Blackbox to help you code faster
        ab = ab.drop_duplicates()
        print(ab)
          book_id goodreads_book_id best_book_id work_id books_count \
                              2767052
                                        2767052 2792775
    0
                                             3 4640799
                                                                        491
                                            41865 3212258
                                41865
                            11870085 11870085 16827462
                                                                        226
                             13335037 13335037 13155899
                                                                        210
              9925
                                             86737
     1349
                               86737
                                                       3877968
                                           13010211 18171867
     1350
                             13010211
              9942
                             16074758
                                           16074758 21869436
                                            21393526 40690062
              9947
                             21393526
                                           13065327 18230950
              9955
                             13065327
                             isbn13
                 isbn
                                                          authors \
           439023483 9.780439e+12
                                                 Suzanne Collins
           439554934 9.780440e+12 J.K. Rowling, Mary GrandPré
            316015849 9.780316e+12
                                      Stephenie Meyer
            525478817 9.780525e+12
                                                       John Green
            62024035 9.780062e+12
    4
                                                   Veronica Roth
     1349 1582349177 9.781582e+12
                                                    Mary Hoffman
           1596435712 9.781596e+12
                                               Caragh M. O'Brien
          1442486597 9.781442e+12 Abigail Haas, Abby McDonald
           62320521 9.780062e+12
     1352
                                      Maria Dahvana Headley
     1353 802734375 9.780803e+12
                                                   Simone Elkeles
     1352 <a href="https://images.gr-assets.com/books/1413479866s">https://images.gr-assets.com/books/1413479866s</a>...
     1353 <a href="https://images.gr-assets.com/books/1420836321s...">https://images.gr-assets.com/books/1420836321s...</a>
```

[1354 rows x 23 columns]

Output is truncated. View as a <u>scrollable element</u> or open in a <u>text editor</u>. Adjust cell output <u>settings</u>...

D ~	Click here to ask Blackbox to h	elp you code	faster	
	ab.isnull().sum()			
[10]				
	The site of a	•		
***	book_id	0		
	goodreads_book_id	0		
	best_book_id	0		
	work_id	0		
	books_count	0		
	isbn	52		
	isbn13	44		
	authors	0		
	original_publication_year	3		
	original_title	52		
	title	0		
	language_code	109		
	average_rating	0		
	ratings_count	0		
	work_ratings_count	0		
	work_text_reviews_count	ø		
	ratings_1	0		
	ratings_2	0		
	ratings_3	0		
	ratings_4	0		
	ratings_5	ø		
	image_url	ø		
	small_image_url	ø		
	dtype: int64			
	71			

```
♥ Click here to ask Blackbox to help you code faster
   ab.dropna(inplace=True)
   ab.isnull().sum()
book id
                              0
goodreads_book_id
                               0
best_book_id
                               0
work id
                              0
books count
                              0
isbn
                              0
isbn13
                              0
authors
                               0
original_publication_year
                              0
original_title
                               0
title
                              0
language_code
                              0
average_rating
                               0
ratings count
                              0
work_ratings_count
                              0
work_text_reviews_count
                              0
ratings_1
                              0
ratings 2
                               0
ratings_3
                              0
ratings 4
                              0
ratings 5
                              0
image_url
                              0
small_image_url
                               0
dtype: int64
```

```
Click here to ask Blackbox to help you code faster
        HarryPotter = ab[ab['original_title'].str.contains('Harry Potter', case=False)]
        print (HarryPotter)
          book_id goodreads_book_id best_book_id work_id books_count \
                                                  4640799
                                                                   491
               18
                                              5 2402163
                                                                   376
                                                   2809203
                                                                   307
                                           15881 6231171
                             15881
                                                                   398
                                             6 3046572
                             136251
                                          136251 2963218
                                                                   263
                                              1 41335427
                             862041
                                          862041 2962492
    96
                               10
                                             10 21457570
     1036
                             483445
                                          483445
                           isbn13
                                                                 authors \
           439554934 9.780440e+12
                                             J.K. Rowling, Mary GrandPré
          043965548X 9.780440e+12 J.K. Rowling, Mary GrandPré, Rufus Beck
          439358078 9.780439e+12
                                         J.K. Rowling, Mary GrandPré
          439064864 9.780439e+12
                                              J.K. Rowling, Mary GrandPré
           439139600 9.780439e+12
                                              J.K. Rowling, Mary GrandPré
           545010225 9.780545e+12
                                              J.K. Rowling, Mary GrandPré
           439785960 9.780440e+12
                                             J.K. Rowling, Mary GrandPré
    96
           545044251 9.780545e+12
                                                            J.K. Rowling
           439827604 9.780440e+12
                                                            J.K. Rowling
    1036 042519891X 9.780425e+12
                                                           David Colbert
             original publication year \
     613 <a href="https://images.gr-assets.com/books/1328867351s">https://images.gr-assets.com/books/1328867351s</a>...
     [10 rows x 23 columns]
     Output is truncated. View as a <u>scrollable element</u> or open in a <u>text editor</u>. Adjust cell output <u>settings</u>...
D ~
          Click here to ask Blackbox to help you code faster
         MostSellingBooks = HarryPotter.loc[HarryPotter['best_book_id'].idxmax()]
         print (MostSellingBooks)
     book id
                                                                                             422
     goodreads book id
                                                                                          862041
     best book id
                                                                                          862041
     work_id
                                                                                         2962492
     books count
                                                                                              76
     isbn
                                                                                      545044251
     isbn13
                                                                               9780545044260.0
     authors
                                                                                   J.K. Rowling
     original publication year
                                                               1970-01-01 00:00:00.000001998
     original title
                                                            Complete Harry Potter Boxed Set
     title
                                                  Harry Potter Boxset (Harry Potter, #1-7)
     language code
                                                                                             eng
     average_rating
                                                                                            4.74
                                                                                          190050
     ratings_count
     work_ratings_count
                                                                                          204125
     work text reviews count
     ratings 1
                                                                                            1105
     ratings_2
                                                                                            1285
     ratings_3
                                                                                            7020
     ratings_4
                                                                                           30666
     ratings 5
     image_url
                                       https://images.gr-assets.com/books/1392579059m...
     small_image_url
                                       https://images.gr-assets.com/books/1392579059s...
     Name: 96, dtype: object
```