```
In [1]:
          import pandas as pd
In [2]:
          df = pd.read_csv('BL-Flickr-Images-Book.csv')
          df.head()
                           Edition
Out[2]:
                                       Place of
                                                    Date of
             Identifier
                                                             Publisher
                                                                                Title Author Contribut
                        Statement Publication Publication
                                                                              Walter
                                                             S. Tinsley
                                                                           Forbes. [A
                                                                                                  FORE
                                        London 1879 [1878]
          0
                   206
                              NaN
                                                                                        A. A.
                                                                 & Co.
                                                                         novel.] By A.
                                                                                                    Wa
                                                                        All for Greed.
                                                                                                 BLAZE
                                       London;
                                                              Virtue &
                                                                        [A novel. The
                                                                                        A., A.
                                                                                               BURY, M
          1
                   216
                              NaN
                                       Virtue &
                                                      1868
                                                                           dedication
                                                                                               Pauline F
                                                                   Co.
                                                                                          Α.
                                        Yorston
                                                                            signed...
                                                                                                 - Baror
                                                                                                 BLAZE
                                                                            Love the
                                                             Bradbury,
                                                                          Avenger. By
                                                                                        A., A.
                                                                                               BURY, M
          2
                   218
                              NaN
                                        London
                                                      1869
                                                              Evans &
                                                                         the author of
                                                                                               Pauline F
                                                                                          Α.
                                                                   Co.
                                                                          "All for Gr...
                                                                                                 - Baror
                                                                               Welsh
                                                                           Sketches,
                                                                                                 Appley
                                                                James
                                                                                        A., E.
          3
                   472
                                                       1851
                              NaN
                                        London
                                                                              chiefly
                                                                                                    Erı
                                                                Darling
                                                                                          S.
                                                                        ecclesiastical,
                                                                                                  Silva
                                                                             to the...
                            A new
                                                                        [The World in
                                                             Wertheim
                           edition,
                                                                                       A., E.
                                                                          which I live,
                                                                                                 BROO
          4
                  480
                                        London
                                                      1857
                           revised,
                                                                        and my place
                                                                                          S.
                                                                                                John He
                                                             Macintosh
                              etc.
                                                                               in it...
In [3]:
          df.isnull().sum()
                                             0
          Identifier
Out[3]:
          Edition Statement
                                          7514
          Place of Publication
                                             0
          Date of Publication
                                           181
          Publisher
                                          4195
          Title
                                             0
                                          1778
          Author
                                             0
          Contributors
                                          8287
          Corporate Author
          Corporate Contributors
                                          8287
          Former owner
                                          8286
          Engraver
                                          8287
          Issuance type
                                             0
          Flickr URL
                                             0
                                             0
          Shelfmarks
          dtype: int64
In [8]:
          df.dropna(axis=1, inplace = True)
          df.head()
```

Out[8]:		Identifier	Place of Publication	Title	Contributors	Issuance type	
	0	206	London	Walter Forbes. [A novel.] By A. A	FORBES, WALTER.	monographic	https://www.flickr.com/photo
	1	216	London; Virtue & Yorston	All for Greed. [A novel. The dedication signed	BLAZE DE BURY, MARIE PAULINE ROSE - BARONESS	monographic	https://www.flickr.com/photo
	2	218	London	Love the Avenger. By the author of "All for Gr	BLAZE DE BURY, MARIE PAULINE ROSE - BARONESS	monographic	https://www.flickr.com/photo
	3	472	London	Welsh Sketches, chiefly ecclesiastical, to the	APPLEYARD, ERNEST SILVANUS.	monographic	https://www.flickr.com/photo
	4	480	London	[The World in which I live, and my place in it	BROOME, JOHN HENRY.	monographic	https://www.flickr.com/photo
In [5]:	<pre>df.duplicated().sum()</pre>						
Out[5]:	0						

In [6]: df['Flickr URL'] = df['Flickr URL'].str.replace("http","https") df.head()

Out[6]:		Identifier	Place of Publication	Title	Contributors	Issuance type	
	0	206	London	Walter Forbes. [A novel.] By A. A	FORBES, Walter.	monographic	https://www.flickr.com/photo
	1	216	London; Virtue & Yorston	All for Greed. [A novel. The dedication signed	BLAZE DE BURY, Marie Pauline Rose - Baroness	monographic	https://www.flickr.com/photo
	2	218	London	Love the Avenger. By the author of "All for Gr	BLAZE DE BURY, Marie Pauline Rose - Baroness	monographic	https://www.flickr.com/photo
	3	472	London	Welsh Sketches, chiefly ecclesiastical, to the	Appleyard, Ernest Silvanus.	monographic	https://www.flickr.com/photo
	4	480	London	[The World in which I live, and my place in it	BROOME, John Henry.	monographic	https://www.flickr.com/photo

In [7]: df['Contributors'] = df['Contributors'].str.upper()
 df.head()

Out[7]:		Identifier	Place of Publication	Title	Contributors	Issuance type	
	0	206	London	Walter Forbes. [A novel.] By A. A	FORBES, WALTER.	monographic	https://www.flickr.com/photo
	1	216	London; Virtue & Yorston	All for Greed. [A novel. The dedication signed	BLAZE DE BURY, MARIE PAULINE ROSE - BARONESS	monographic	https://www.flickr.com/photo
	2	218	London	Love the Avenger. By the author of "All for Gr	BLAZE DE BURY, MARIE PAULINE ROSE - BARONESS	monographic	https://www.flickr.com/photo
	3	472	London	Welsh Sketches, chiefly ecclesiastical, to the	APPLEYARD, ERNEST SILVANUS.	monographic	https://www.flickr.com/photo
	4	480	London	[The World in which I live, and my place in it	BROOME, JOHN HENRY.	monographic	https://www.flickr.com/photo
In [ ]:							