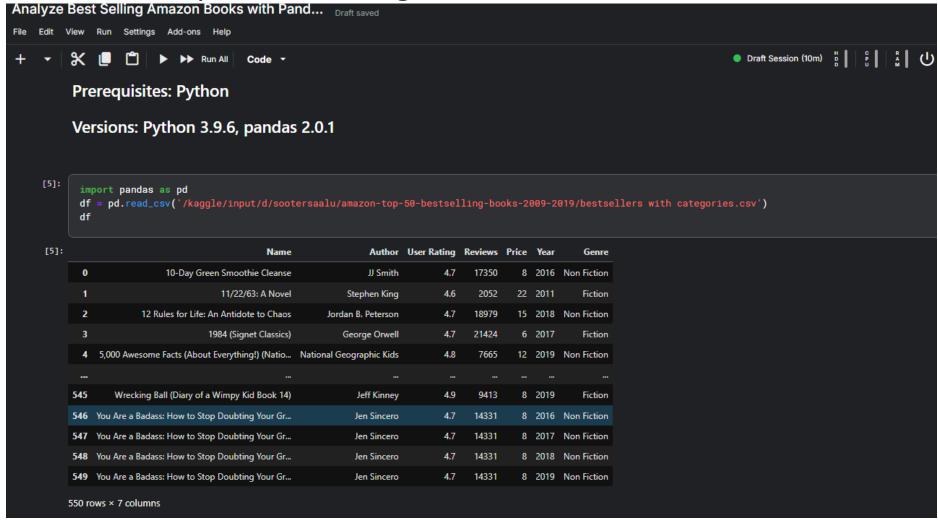
## Analyze Best Selling Amazon Books with Pandas



```
[6]:
       print(df.head())
       print(df.shape)
       print(df.columns)
       print(df.describe())
                                                     Name \
                            10-Day Green Smoothie Cleanse
      0
      1
                                        11/22/63: A Novel
      2
                  12 Rules for Life: An Antidote to Chaos
                                   1984 (Signet Classics)
      3
     4 5,000 Awesome Facts (About Everything!) (Natio...
                          Author User Rating Reviews Price Year
                                                                           Genre
                        JJ Smith
                                          4.7
                                                 17350
                                                              2016
                                                                     Non Fiction
      0
                    Stephen King
      1
                                                           22 2011
                                                                         Fiction
                                          4.6
                                                  2052
              Jordan B. Peterson
      2
                                          4.7
                                                 18979
                                                           15 2018
                                                                     Non Fiction
                   George Orwell
                                          4.7
                                                 21424
                                                               2017
                                                                         Fiction
     4 National Geographic Kids
                                                           12 2019 Non Fiction
                                          4.8
                                                  7665
      (550, 7)
      Index(['Name', 'Author', 'User Rating', 'Reviews', 'Price', 'Year', 'Genre'], dtype='object')
            User Rating
                                            Price
                              Reviews
                                                          Year
             550.000000
                           550.000000 550.000000
                                                    550.000000
      count
               4.618364 11953.281818
                                        13.100000 2014.000000
      mean
      std
               0.226980 11731.132017
                                        10.842262
                                                      3.165156
      min
               3.300000
                            37.000000
                                         0.000000 2009.000000
                                         7.000000 2011.000000
      25%
               4.500000
                          4058.000000
      50%
                                        11.000000 2014.000000
               4.700000
                          8580.000000
      75%
               4.800000
                         17253.250000
                                        16.000000
                                                   2017.000000
               4.900000
                         87841.000000 105.000000 2019.000000
      max
```

11

11

10

1

1

Rick Riordan

Suzanne Collins

Keith Richards

Alice Schertle Celeste Ng Adam Gasiewski

Chris Cleave

American Psychological Association

Name: count, Length: 248, dtype: int64

```
author_counts.head(10).to_csv("top_authors.csv")

avg_rating_by_genre.to_csv("avg_rating_by_genre.csv")
```