Powery Query

1. Exported data from Book Tracker App to CSV file.
2. Used excel to “Get Data” from Text/CSV
3. Transformed data using Power Query Editor
4. Data transformation
    a. Removed extraneous columns
    b. Promoted Headers to make first road column headers
    c. Changed data type from Text to Date for date columns
    d. Filtered out un-needed records.
        i. My exported data included wish list books and I wanted to analyze my “read” books from 2022 & 2023. Filtered to only reading status “read” and dates to after 01-01-2022.
    e. Replaced values
        i. Tags I used in the app had emojis that did not translate to excel. I replace with just text value of the tag
        ii. Author names were inconsistent (ex: Becky Chamber and Chambers, Becky) I replace inconsistent names with Last, First so I could get accurate distinct value
        iii. Book rating should be 1-5, replaced 5.5 ratings with 5
    f. Duplicated date column, extracted month and formatted as 3 letter month abbreviation.
    g. Added conditional column called category2 to get extract Fiction & Non-Fiction from book genres
    h. Closed and loaded transformed data into a table
5. Add data table to the Data Model

Power Pivot

1. Add new calculated column to look at days from startReading to endReading for each book. (=DATEDIFF(Book_Tracker1[startReading],Book_Tracker1[endReading],DAY)
2. Add Year column to extract from endReading date column (=YEAR(Book_Tracker1[endReading])