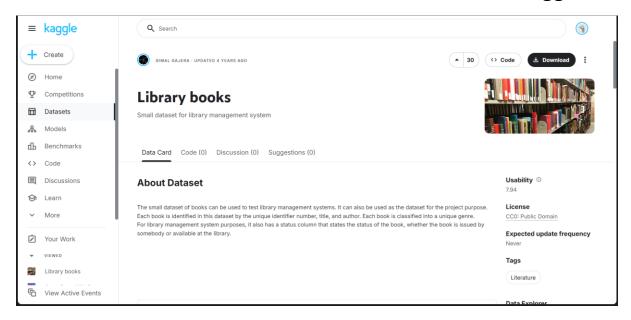
Phase 8

This phase discusses about the Data Management and Deployment, Data Import/Export, etc.

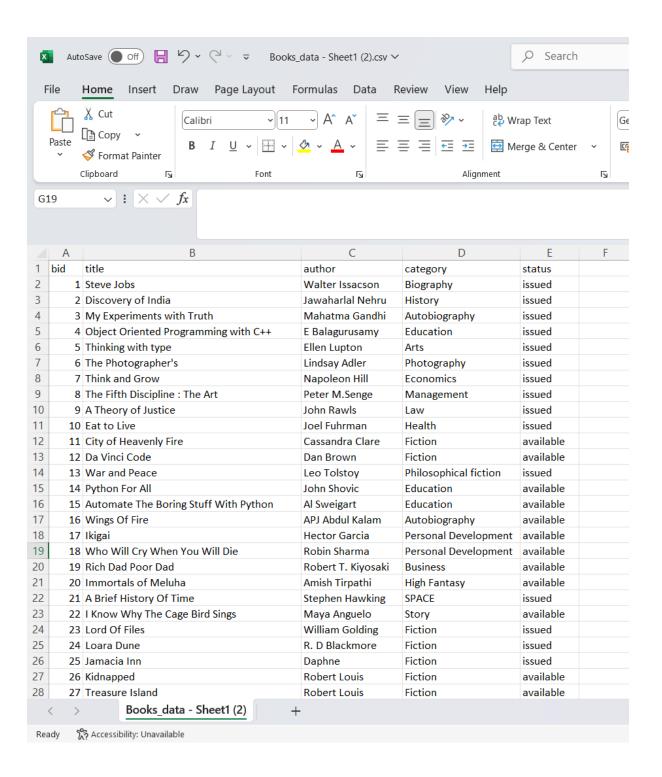
SHELF SYNC LIBRARY

Data Import

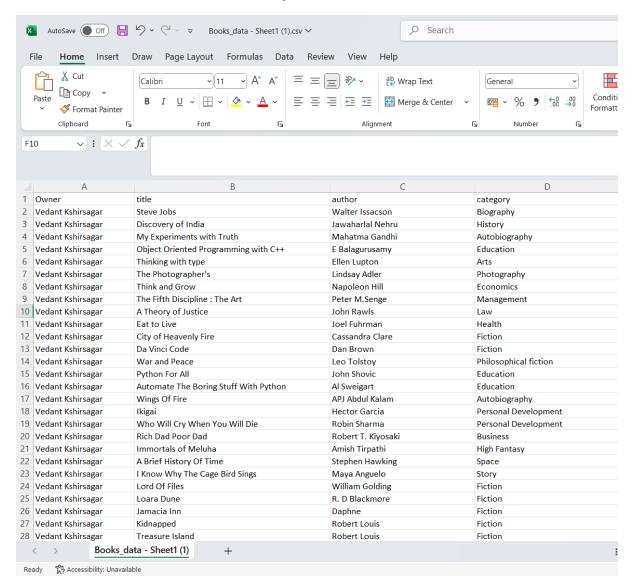
 Now let's import the data for the Books of the Library from a external raw dataset downloaded from Kaggle



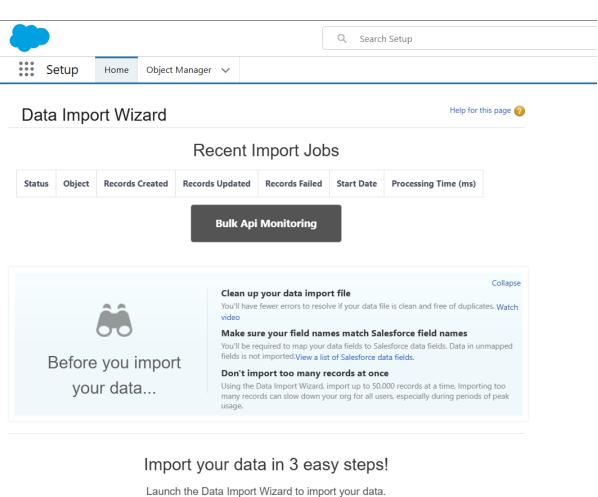
- The link to the database :
 https://www.kaggle.com/datasets/bimalgajera/library-books
- The raw dataset contain impurity or unwanted data which is needed to be removed and cleaned to ensure clean import of data and avoid errors.
- The screenshot below shows the raw dataset with unwanted columns: i.e. bid, status.

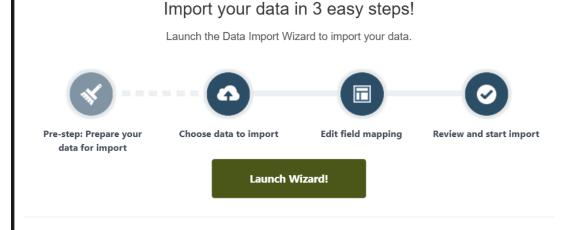


 The cleaned CSV dataset file for the books was cleaned to remove unnecessary columns :



- To import this data to the "Book Object" in the Org, go to the Setup Menu and search for 'Data Import Wizard"
- The Below is a screenshot of the wizard:





FAQ

How do I prepare my data for import? How many records can I import?

What kind of objects can I import?

Can I do simultaneous imports?

How long does it take to complete an import?

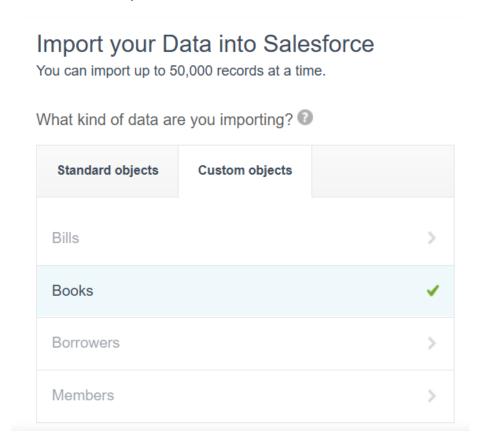
Data Import video series



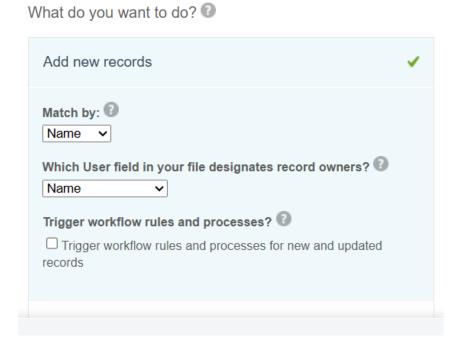
Additional Resources

Find import templates and other helpful tools Learn how to use the Data Import Wizard

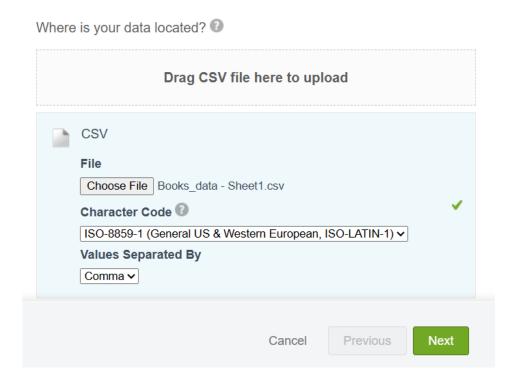
• Launch the Wizard and then sequentially select Object you want to import the data into

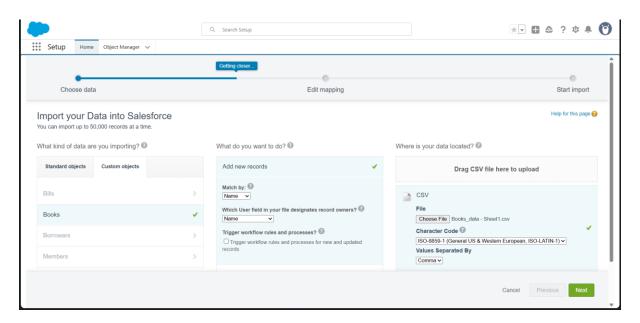


 Select Match by Name and select record owner represented by Name



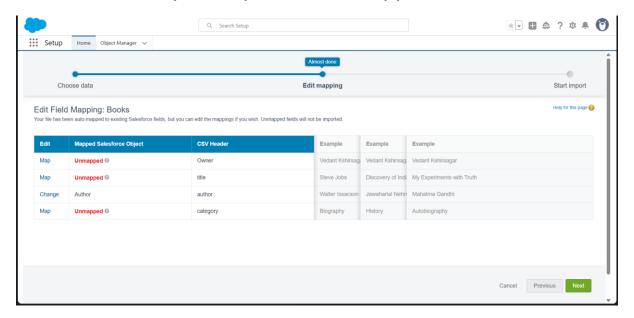
 Select the file you want to import data from and the related setting



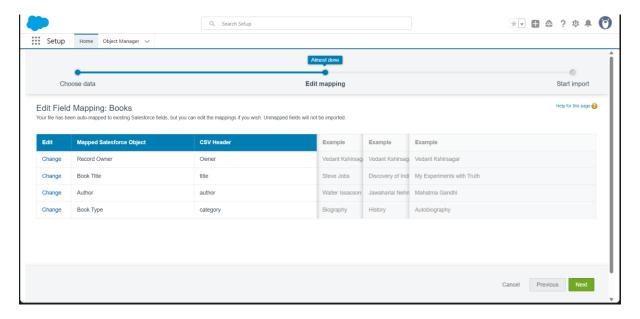


- Hit next to check the fields mapping for correct data import
- Select the Mapping for the columns in the dataset file (.csv) and the fields in the Object

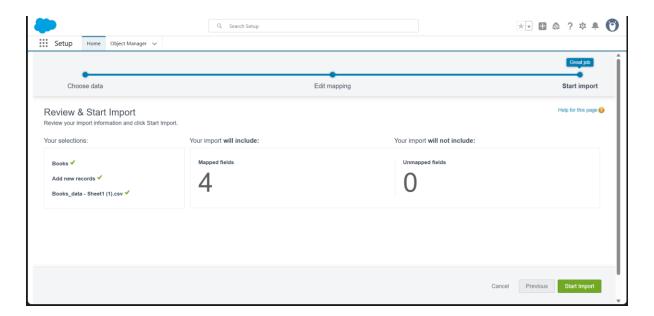
Make sure you map all the unmapped to correct fields



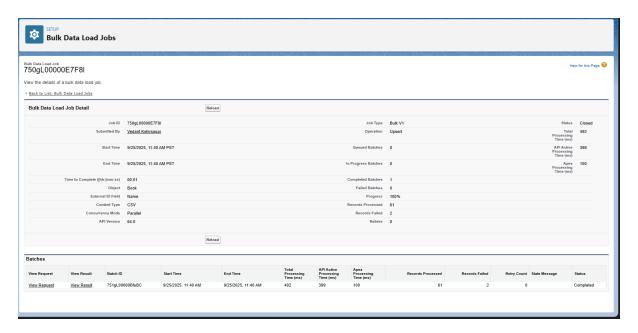
 Check the Example Section to verify correct mapping of data



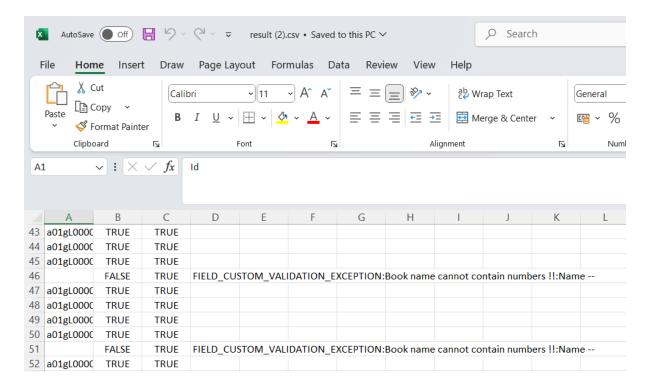
• Click next and then start the import for the data



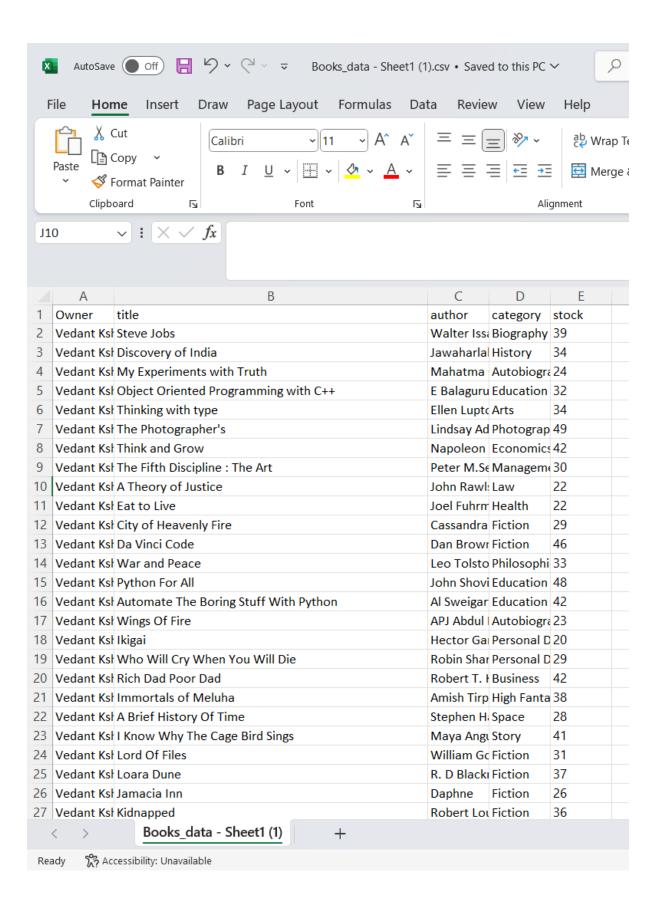
 Check the bulk data load jobs to view the status of data load



- The load shows error in importing two records due to the validation rules regarding the books name not containing numbers
- Which caused 2 book records to fail to import
- The result of the data load is as follows:

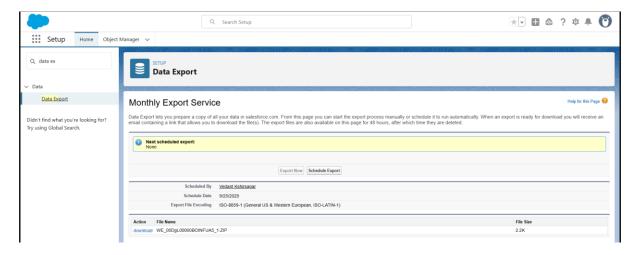


- Shows error in record no 46 and 51 for failing the validation rules
- We can include the stock of the book to import as we require another column for the stock quantity of the books in the database
- Below is the screenshot of the data with the field column



❖ Data Export :

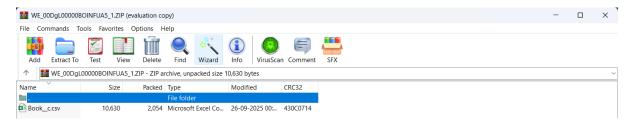
 In the data export you have to select the objects you want to export the data for and then click export



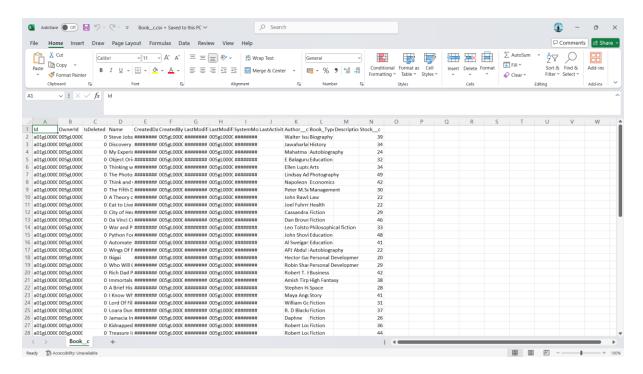
- Wait until you get an email from salesforce regarding the completion of the data export
- The data will be available to download as a (.zip) file from the same data export page



 The zip file contains the data for the objects you have selected in the form of separate (.csv) files

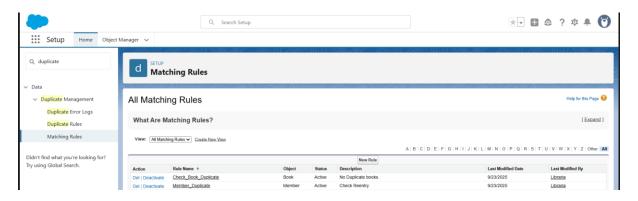


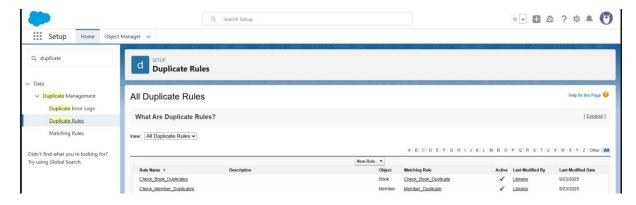
Below is a screenshot of the Book__c Object Exported data



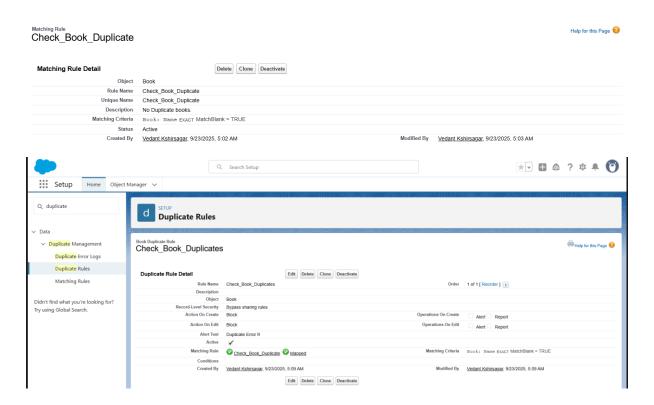
Matching and Duplicate Rules:

- 1. Rule for the Duplicate Books:
- 2. Rule for Duplicate Members:
- Creating the matching rule first and then a duplicate rule for the same





Books



Members



