

# Data Preparation Process

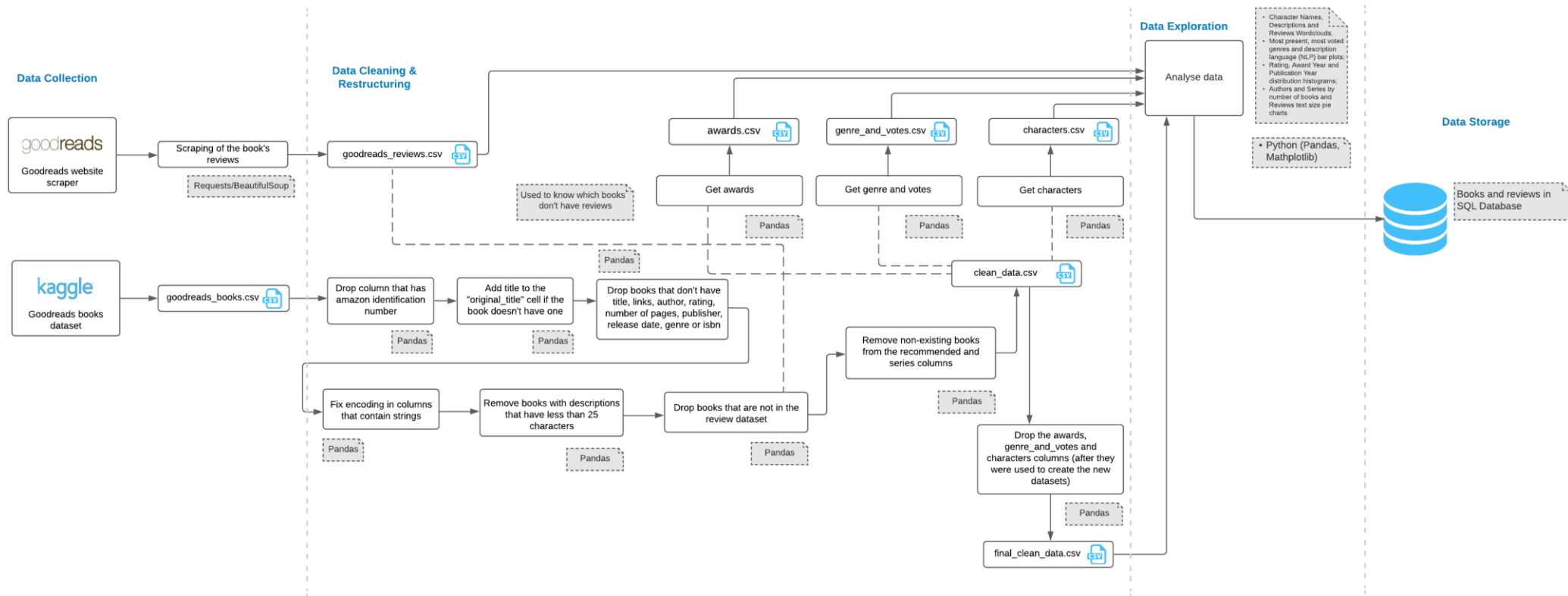
GOODREADS' BOOKS AND REVIEWS

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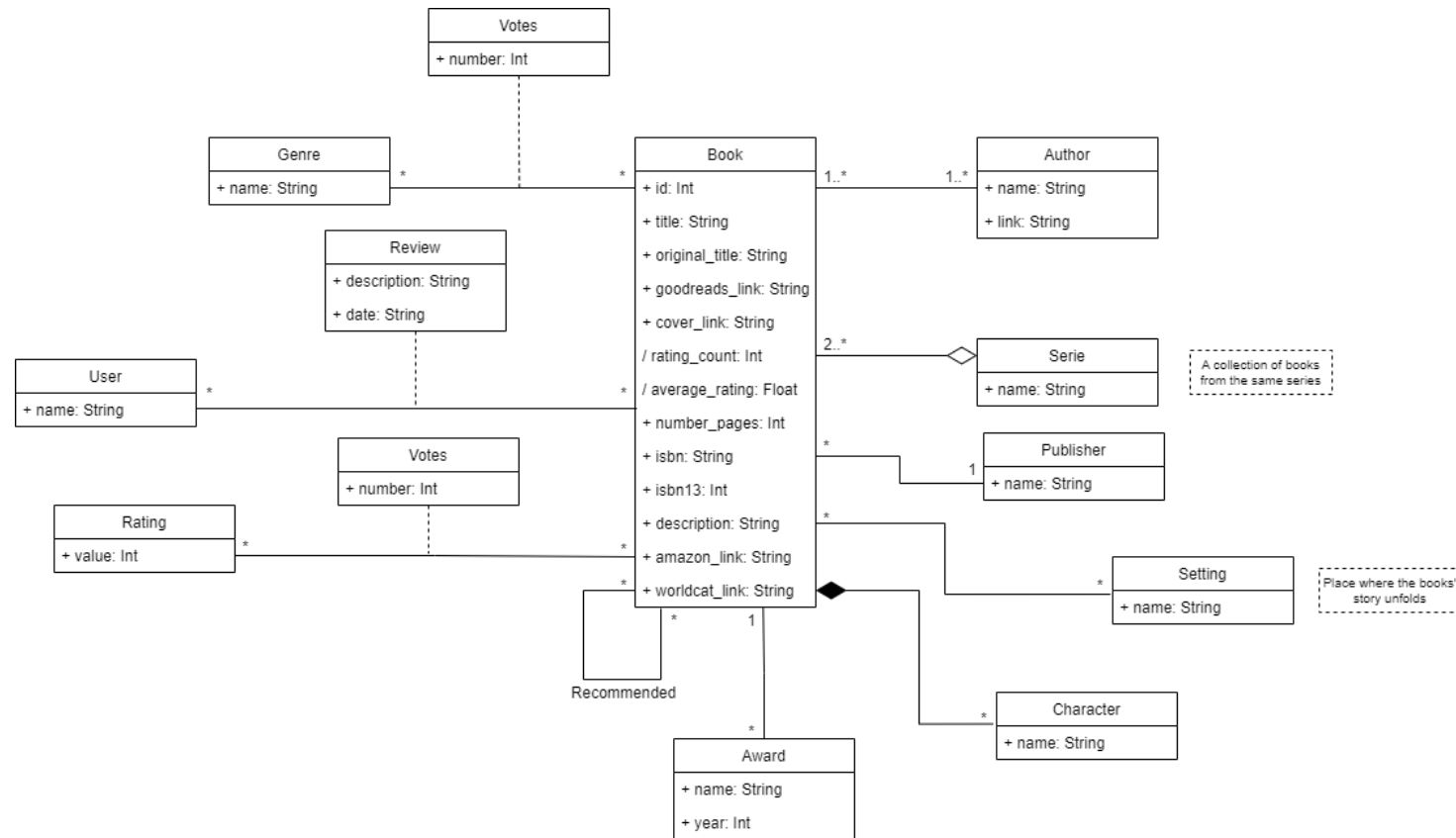
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# Data Extraction and Preparation

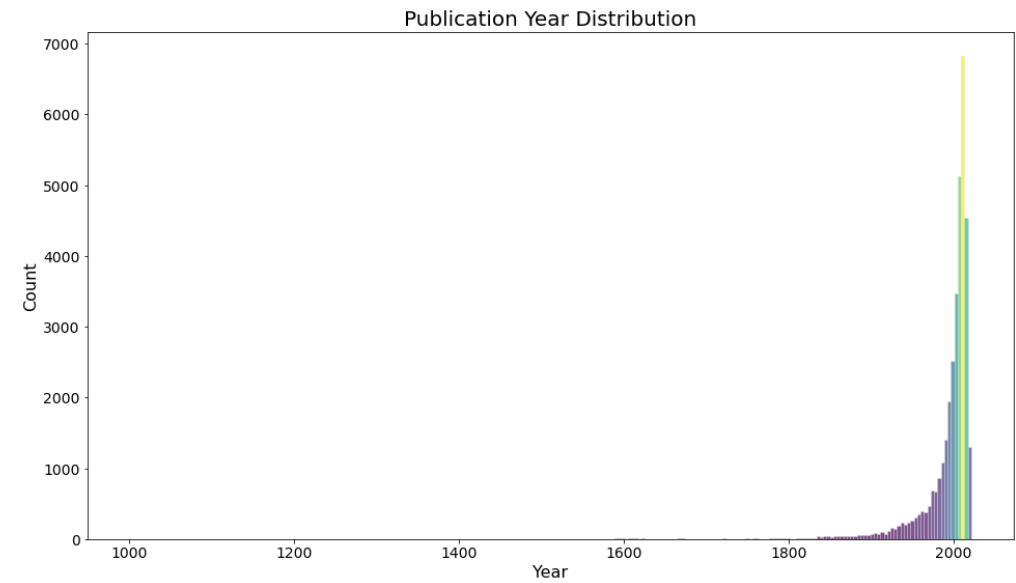
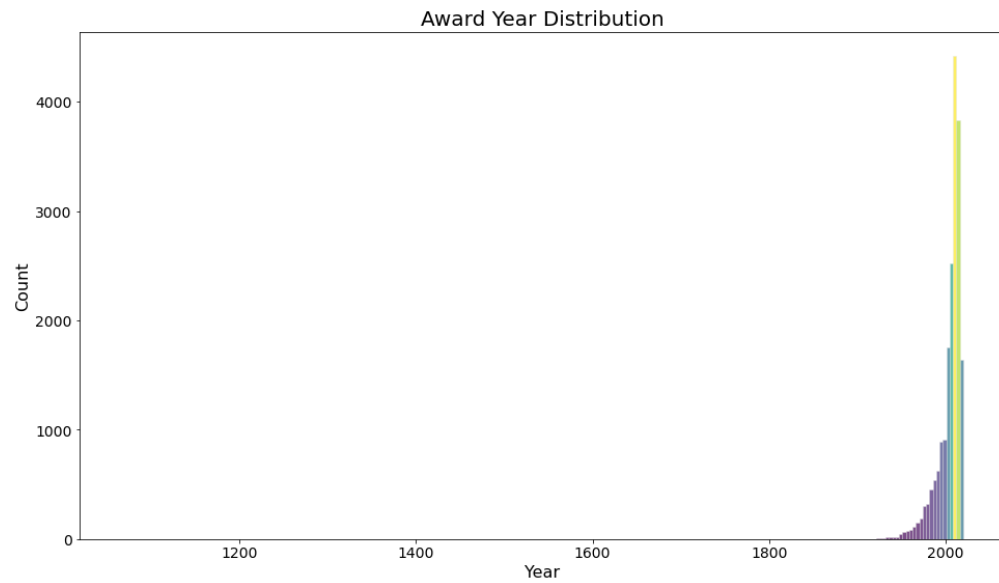


# Domain Conceptual Model



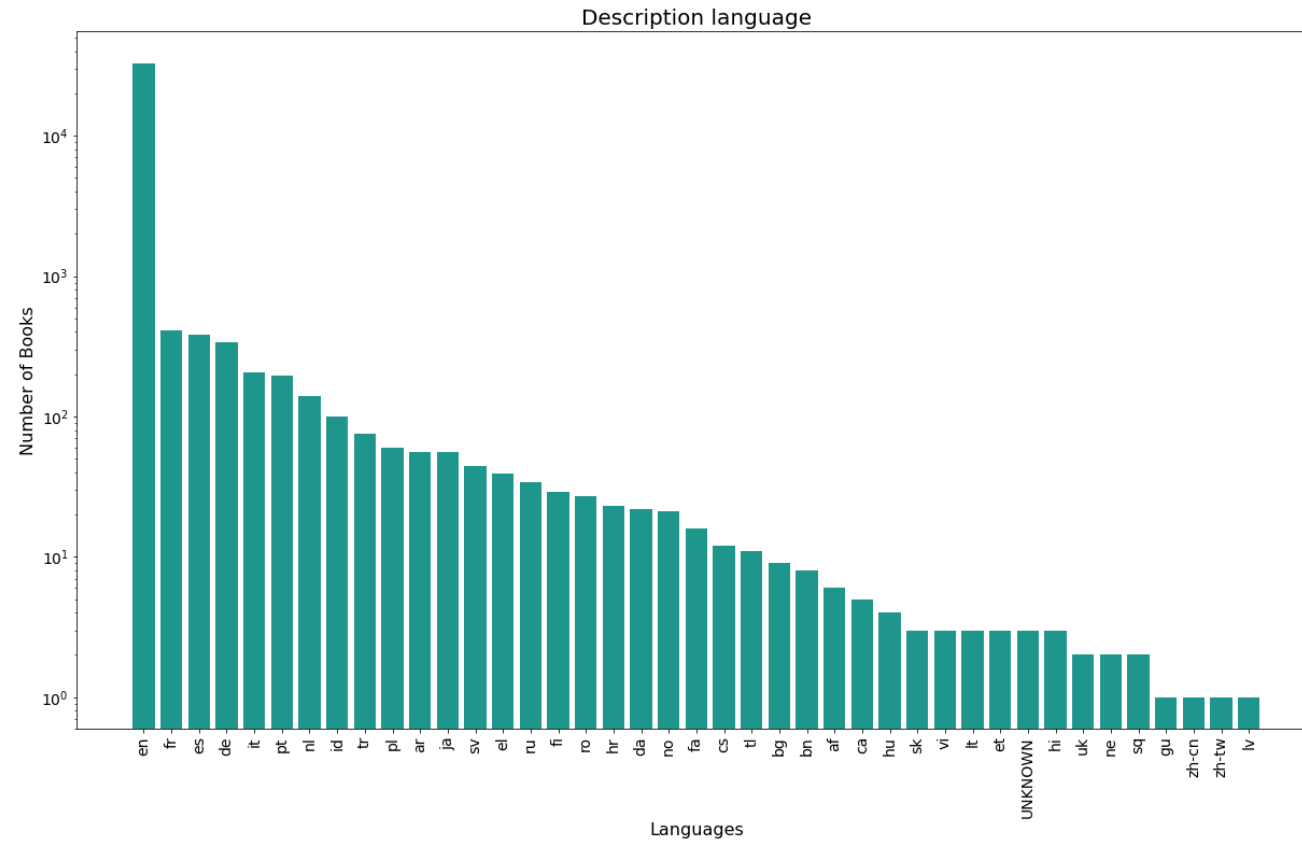
# Data Characterization

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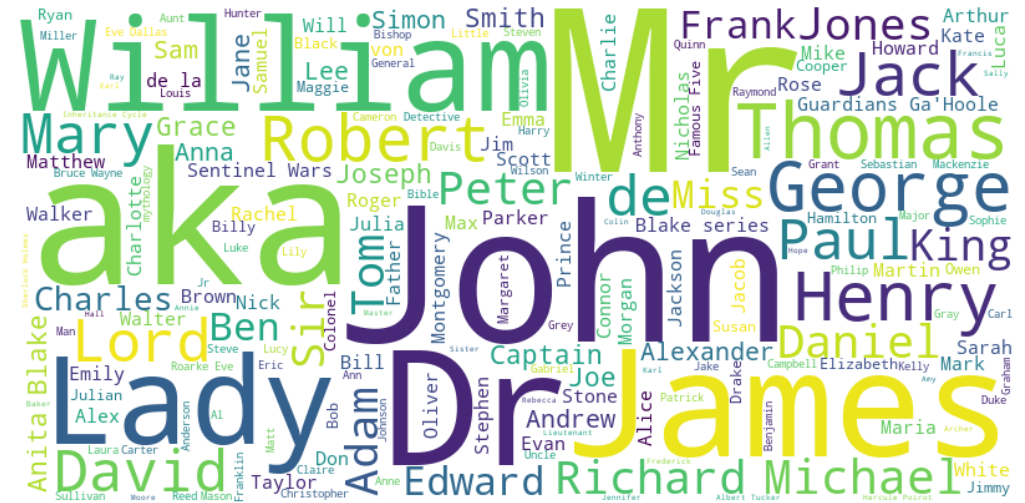
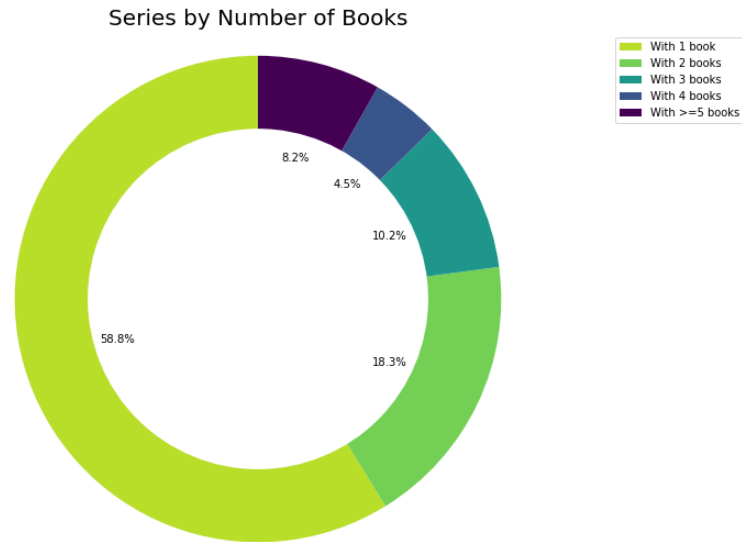


# Data Characterization

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# Conclusions and Future Work

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For the extraction and preparation of the information the following steps were made:

- ❖ Gathering data and enrich it with data from diferentes sources
- ❖ Data cleaning
- ❖ Analyse the final data

Regarding future work, some of the implemented search tasks will be:

- ❖ Search books by author
- ❖ Search books based on their language
- ❖ Search books by genre, awards or even by their reviews or rating

# References

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- ❖ “Goodreads Books – 31 features” dataset:
  - <https://www.kaggle.com/austinreese/goodreads-books>
- ❖ Goodreads website:
  - <https://www.goodreads.com>
- ❖ Python libraries: pandas, requests, beautifulsoup and spacy:
  - <https://pandas.pydata.org/>
  - <https://docs.python-requests.org/en/latest>
  - <https://beautiful-soup-4.readthedocs.io/en/latest>
  - <https://spacy.io/universe/project/spacy-langdetect>