

BEST-SELLING MANGA

Define Problem/Problem Understanding

Define Problem Statement: Graphical Advantages: A Tableau Exploration of Top Manga

Business Requirements: The Business Requirements is for analysing the Best-selling Manga to know which manga has highest sales. Include identifying KPIs, comparing the manga with Average sales and approximate sales identifying affecting factors, creating interactive dashboards and reports, making data-driven decisions, comparing to industry average and creating forecasting models for future performance. The ultimate goal is to gain insights and Show Sufficient Information through data visualization techniques.

Literature Survey: A literature survey for a Best-Selling Manga project would involve researching and reviewing existing studies, articles, and other publications on the topic of Manga Series. The survey would aim to gather information on current classification systems, their strengths and weaknesses, and any gaps in knowledge that the project could address. The literature survey would also look at the methods and techniques used in previous Manga projects, and any relevant data or findings that could inform the design and implementation of the current project.

Social or Business Impact:

Social Impact: By providing accurate and up-to-date information on Selling Manga's project can help Company make more informative about the Top Selling Mangas and their strengths & weakness **Business Model/Impact:** By providing information on the properties and interactions of Selling Mangas, the company will know what are the low selling manga's and try to improve their low selling manga's.

Data Collection and Extraction from Database

Downloading the Dataset: Best-selling-manga dataset is downloaded for making visualizations.

Column Description for Best Selling Manga.csv.

Manga Series: - It is Dimension column shows Manga series names.

Authors: - It is also a dimension column shows the author of each manga.

Publisher: - It shows Publisher of each Manga Series.

Demographic: - It shows the demographic data of manga.

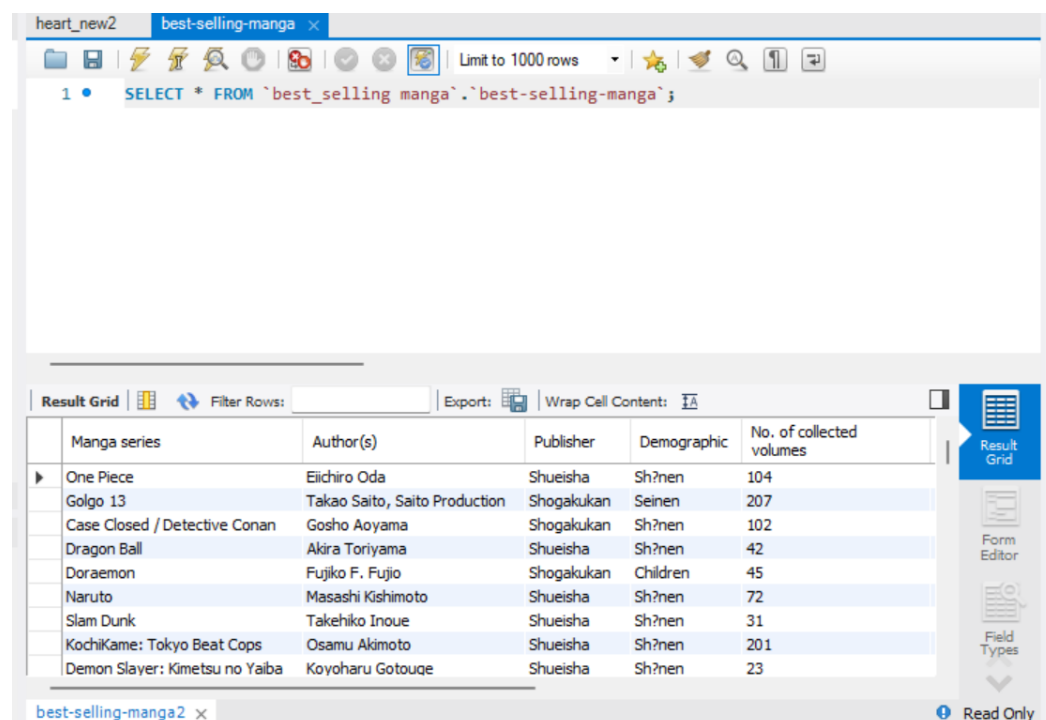
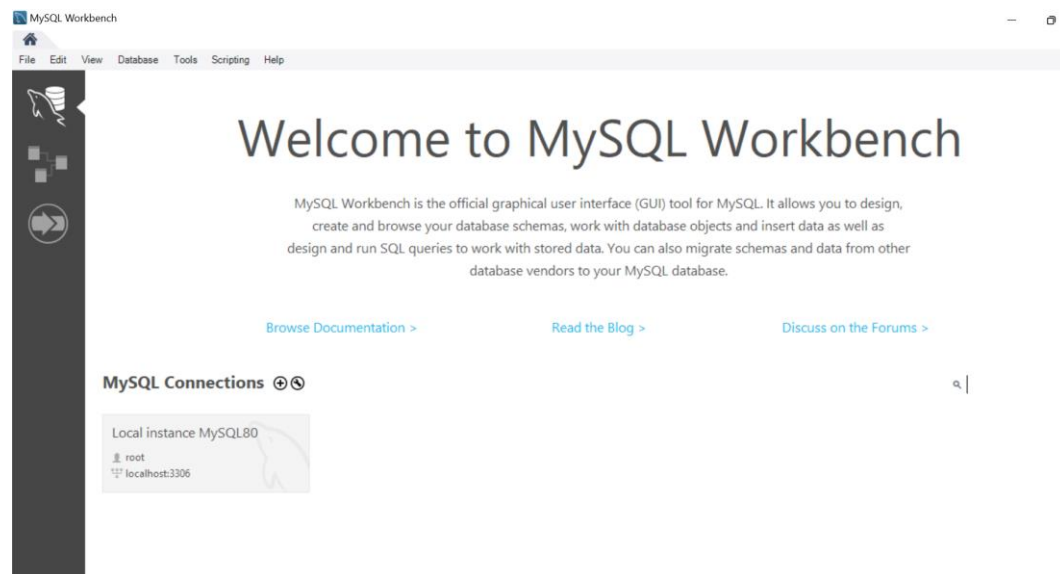
Serialized: - It shows the Year Started the Manga and it ends year or continuing.

No. of collected volumes: - It is measuring Column shows the Volume of Manga Series.

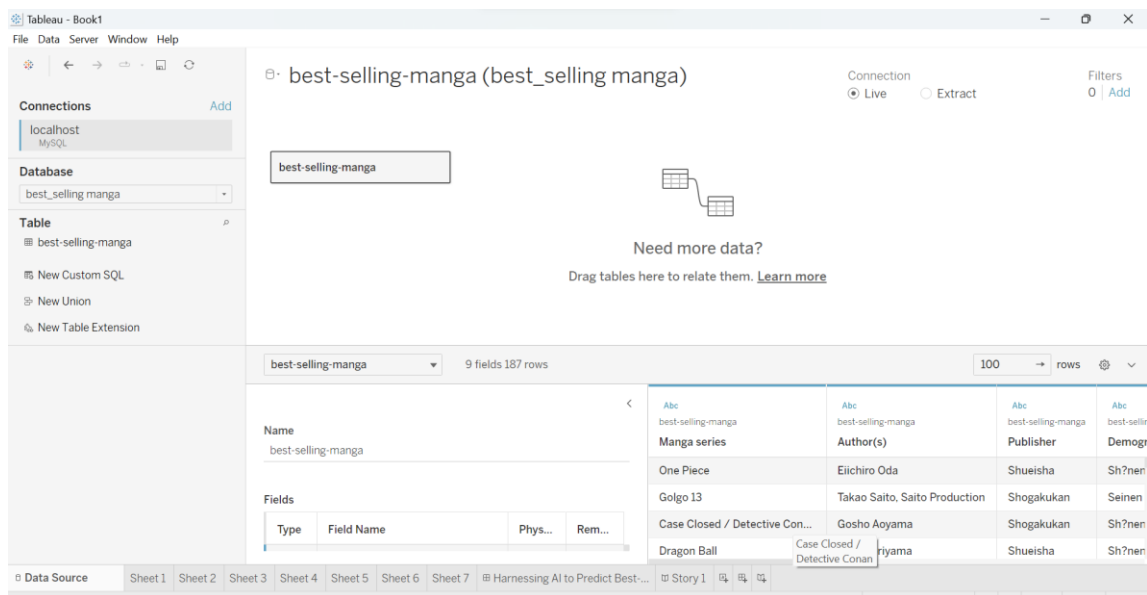
Approximate sales in million(s): - It shows the Approximate sales of the Manga.

Average sales in million(s): - It shows the Average Sales of the Year.

Storing Data in DB and Perform SQL Operations:



Connect DB with Tableau:

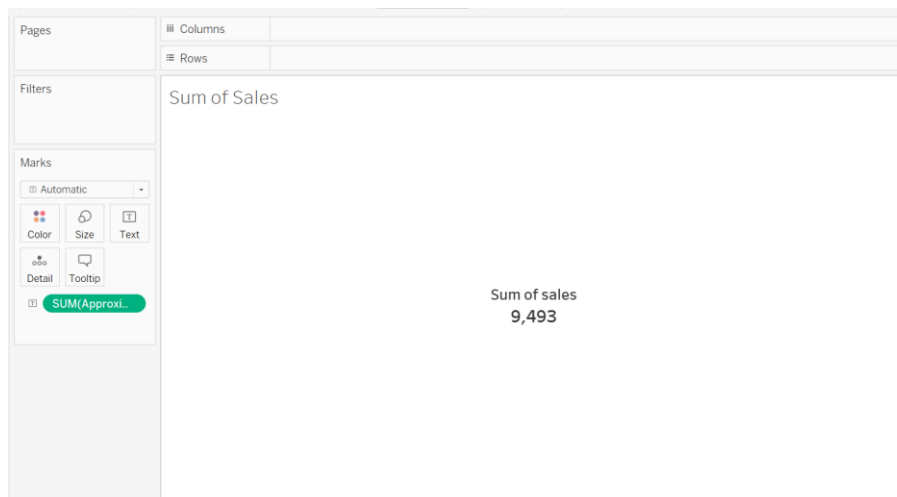


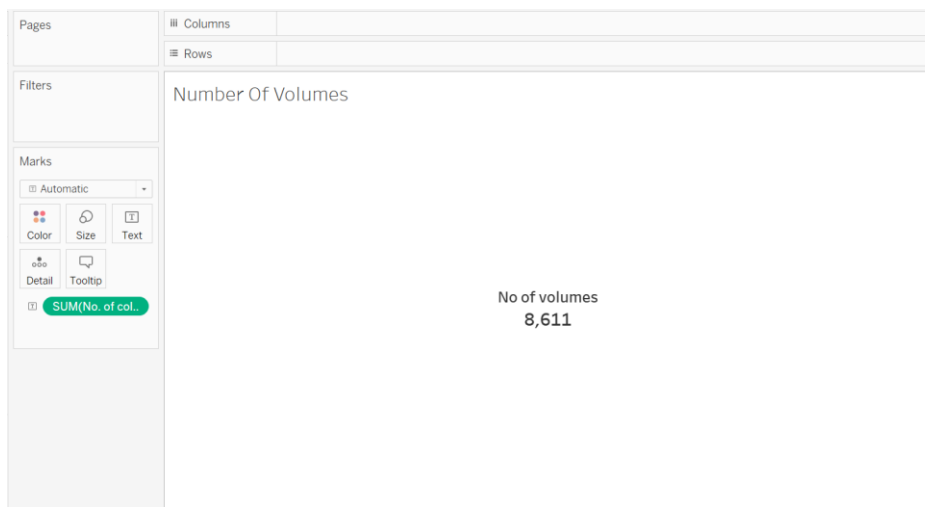
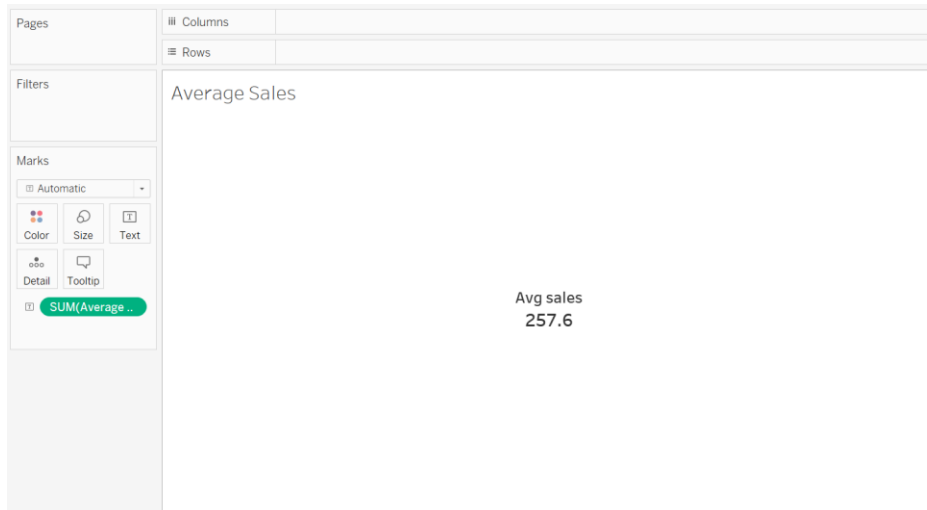
Data Preparation

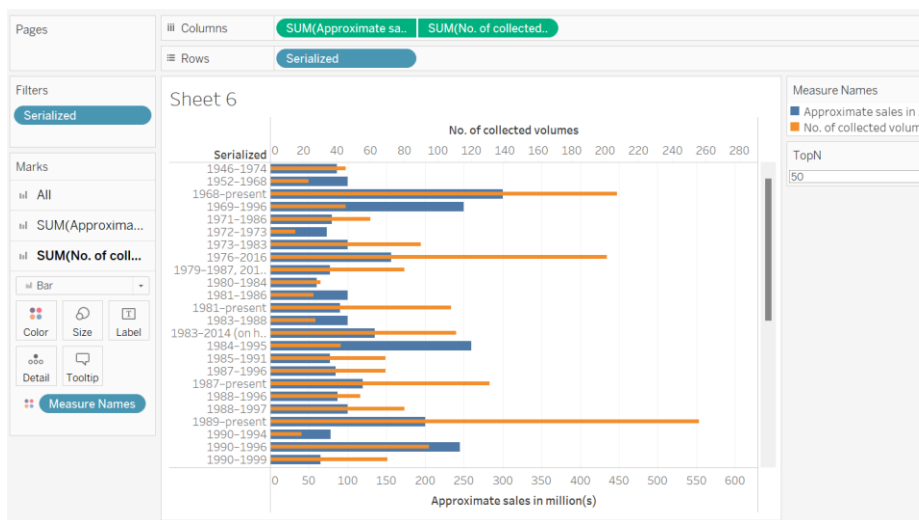
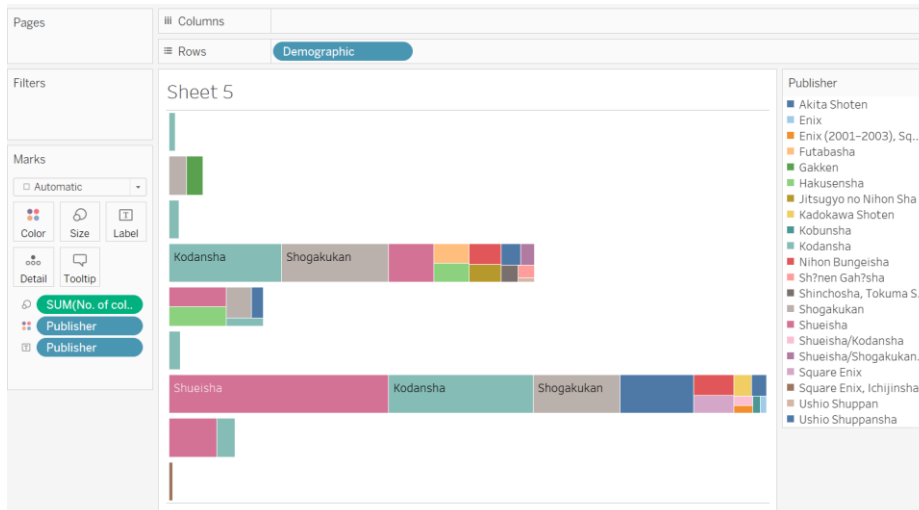
Prepare the Data for Visualization: Preparing the data for visualization, Sometimes the data is not in correct format and we have to transform the data into a right format. Preparing data means involving cleaning and replacing the null values and missing Values. This process makes the data to understand easily and to make visualizations easily.

Data Visualization

No of Unique Visualizations:

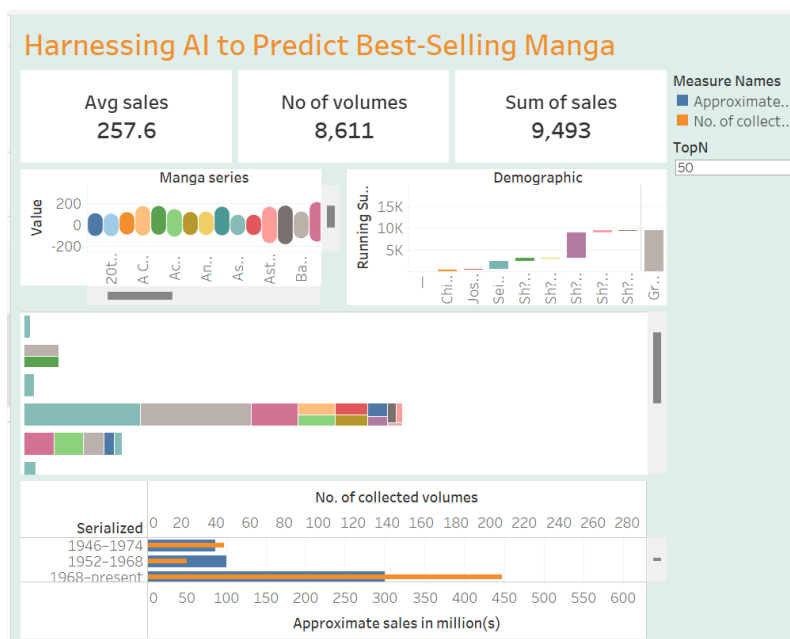






Dashboard

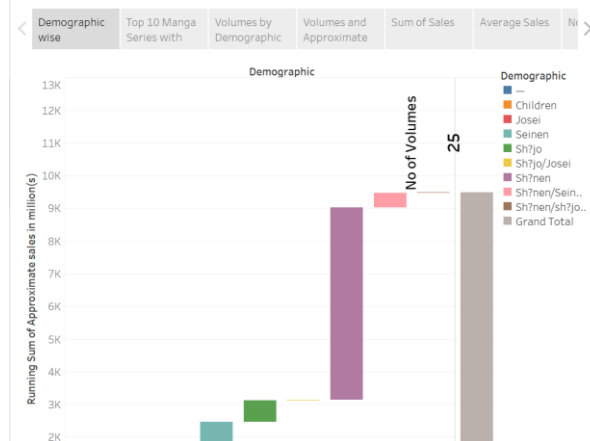
Responsive and Design of Dashboard:



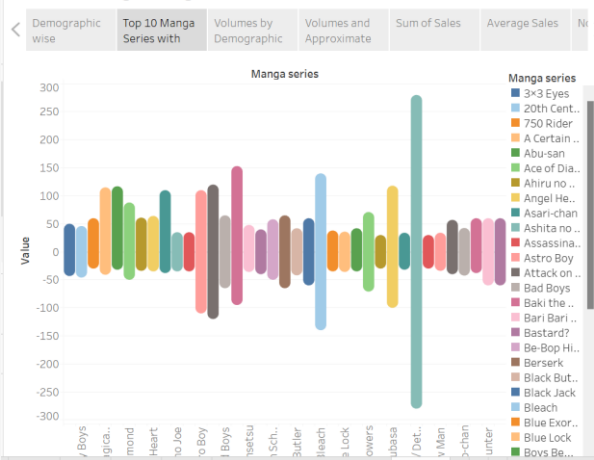
Story

No of scenes of Story: Total 8 unique scenes of story.

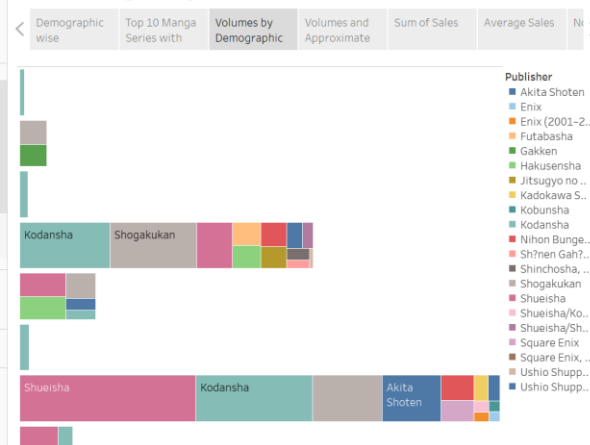
Best-Selling Manga



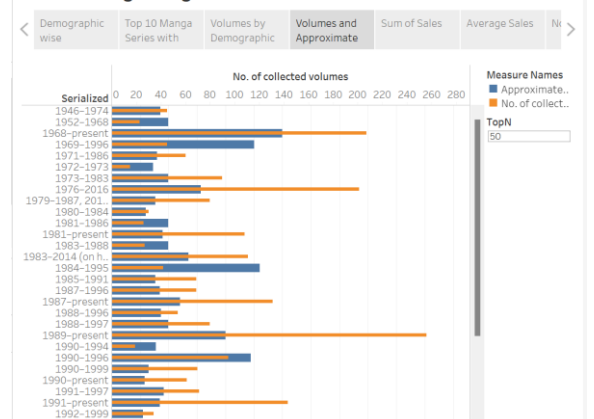
Best-Selling Manga



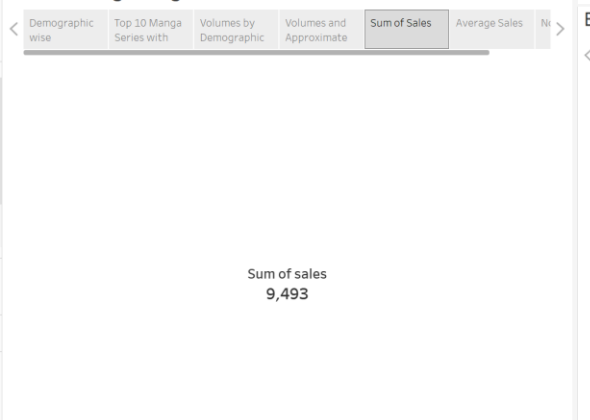
Best-Selling Manga



Best-Selling Manga

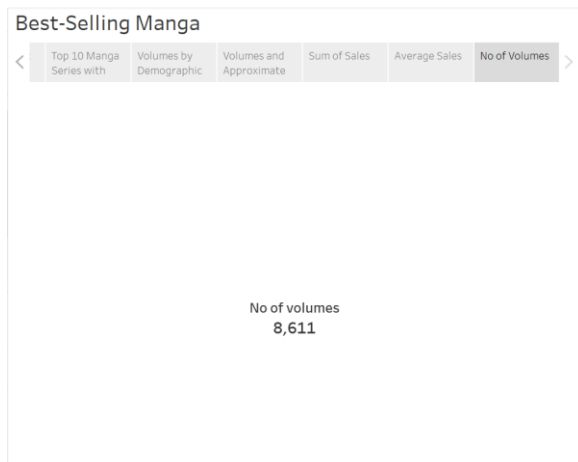


Best-Selling Manga



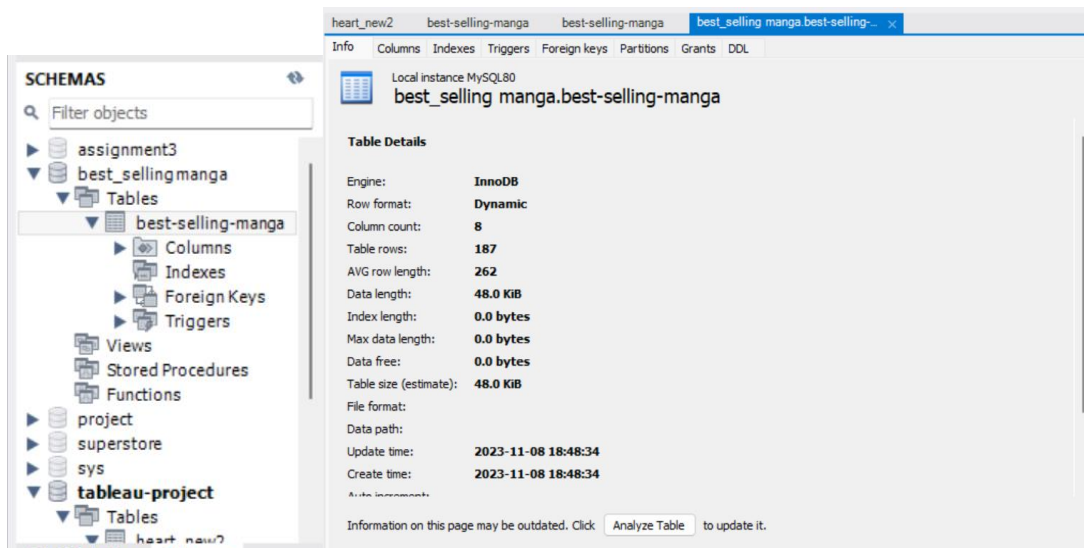
Best-Selling Manga



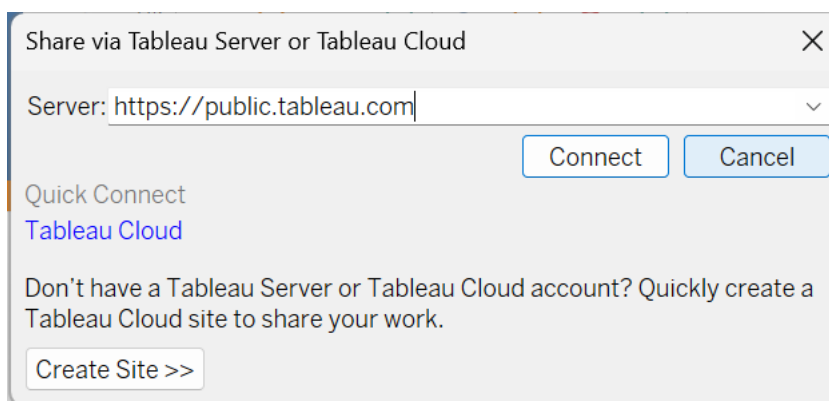


Performance Testing

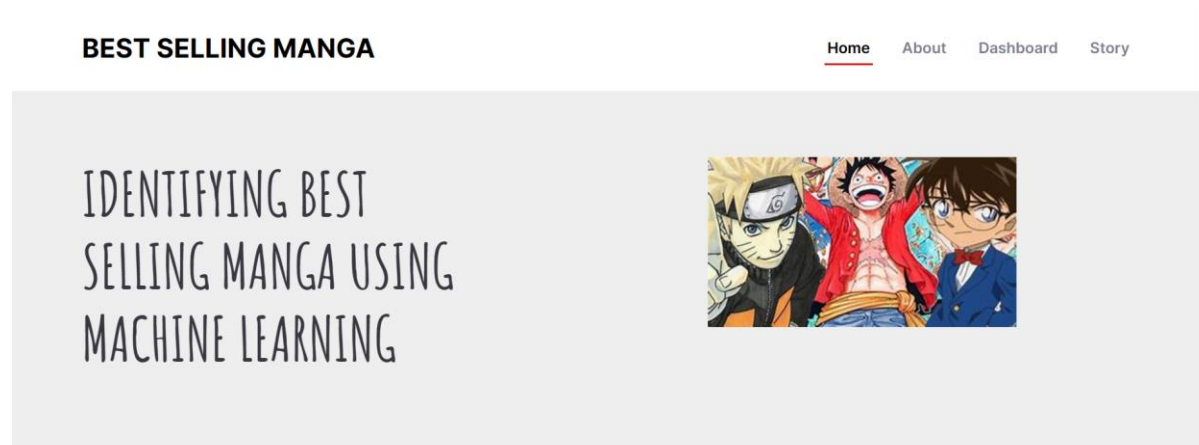
Amount of Data Rendered to DB:



Web Integration

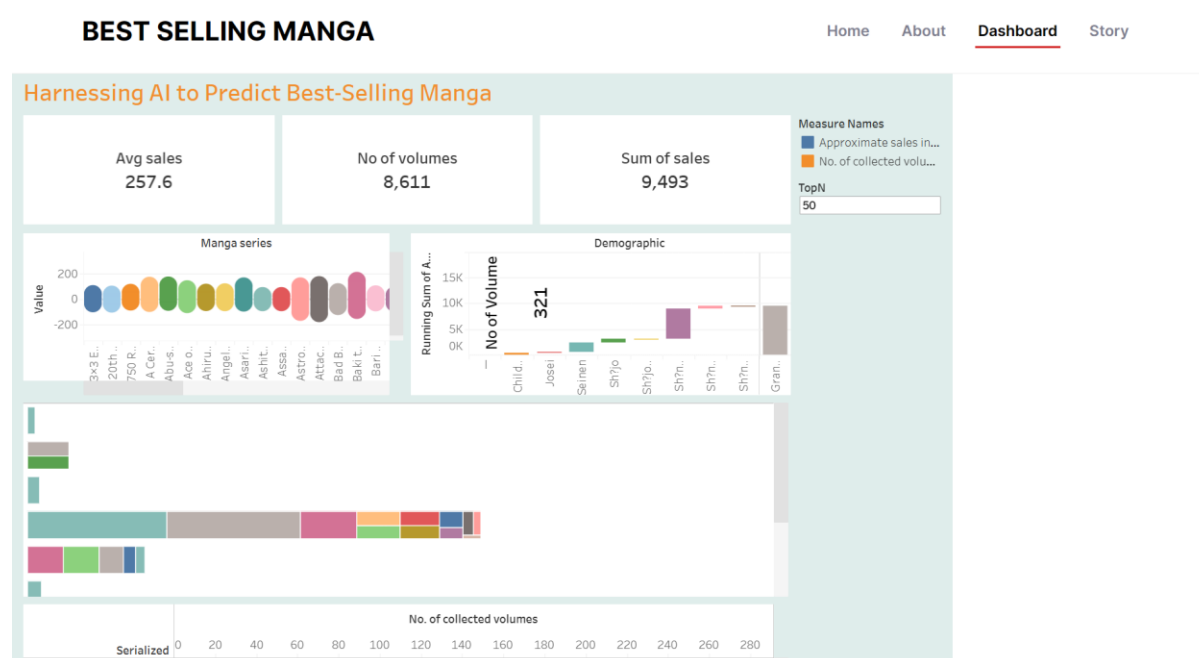


Embed Dashboard and Story with Flask:



Since the 1950s, manga has become an increasingly major part of the Japanese publishing industry. By 1995, the manga market in Japan was valued at 586.4 billion with annual sales of 1.9 billion manga books and manga magazines in Japan. In 2020 Japan's manga market value hit a new record of 612.6 billion due to the fast growth of digital manga sales as well as increase of print sales. In 2022 Japan's manga market hit yet another record value of 675.9 billion. Manga have also gained a significant world wide readership. Beginning with the late 2010s manga started massively outselling American comics. Now the Manga want to know the Best-Selling Mangas from past to now.

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Best-Selling Manga

