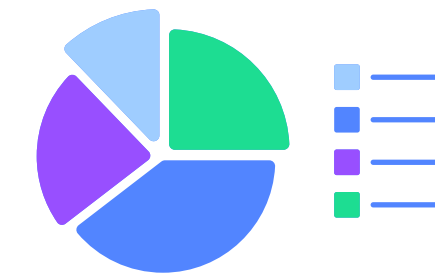


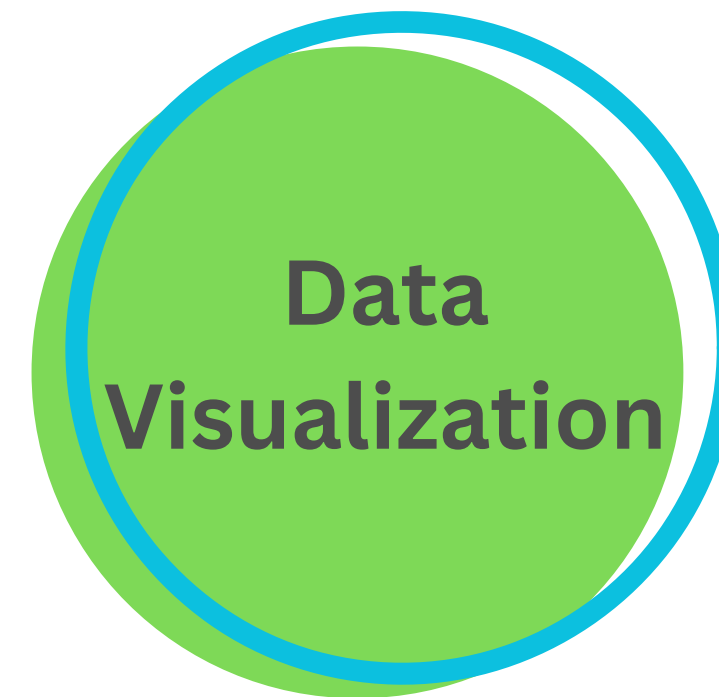
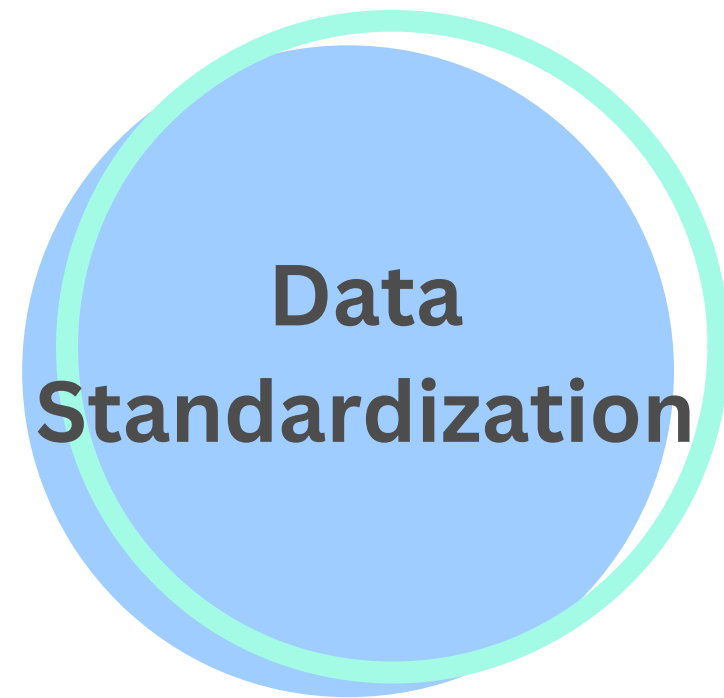
Capstone Project

Census Data Standardization and Analysis Pipeline



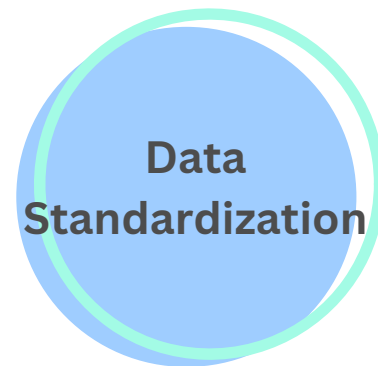
26 Dec. 2024
By Soumya Sankar

Project Overview





Renaming columns for consistency



Standardizing state/UT names and handling new state formations.



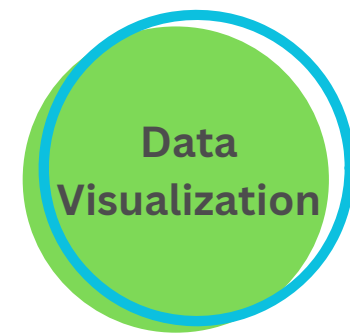
Identifying and filling missing data



Saving the cleaned data to MongoDB and uploading it to an SQL database.

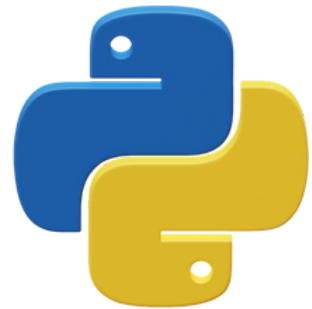


Running SQL queries to derive meaningful insights.



To create interactive and informative visualizations.

Technologies Used



**Programming language
for data processing and analysis**



**For relational database
operations.**



**To store cleaned data in a
NoSQL database.**



Streamlit

**To create interactive
visualizations.**



**For data manipulation
and analysis.**

Project flow

