



DatOS

THEME: OPEN INOVATION

TEAM NAME: CODE ASSASSINS

PROBLEM STATEMENT

Disorganised data can create various challenges in different contexts. here are some specific problems related to disorganised data in each of these scenarios

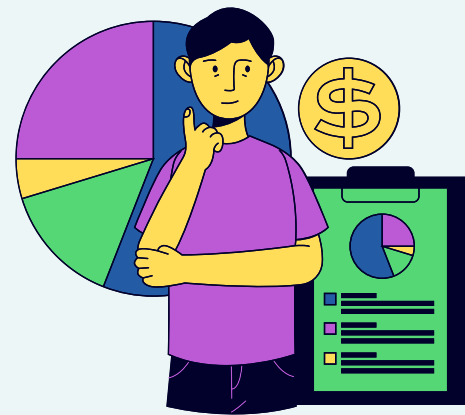


1. NGOs facing challenges regarding child welfare and donation of resources

2. Shopekeepers facing challenges in tracking sales



3. Difficulty in government sector data handling leads to inefficient policy formulations



OUR APPROACH

1). Utilizing Untapped Data for Valuable Insights:

- applying ML algos & libraries to extract, process, and analyze data to get insights
- access to patterns, trends, and behaviors
- predicting trends, identifying correlations

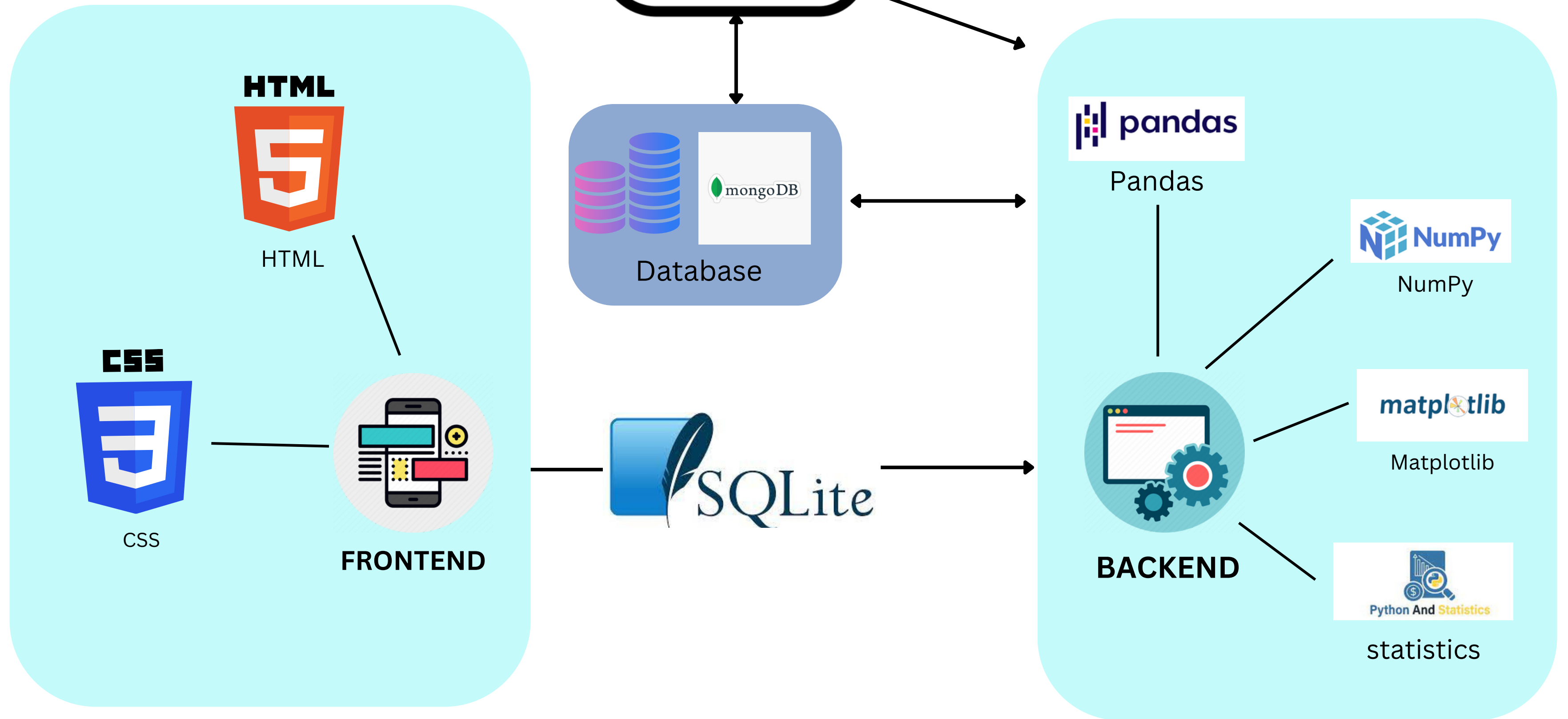
2). Interactive Data Visualization for Performance Analysis:

- user-friendly and interactive tools like bar graphs & charts
- users can track and analyze their performance over time
- access to trends, fluctuations, and performance indicators, facilitating better decision-making and strategy planning.

3). Insight Generation:

- insights such as predictions, classifications, anomaly detection, or trends .

TECH STACK:



USE CASES

FOR SMALL SCALE BUSINESSES/ RETAILERS

OPTIMIZING
INVENTORY
MANAGEMENT

DEMAND
FORECASTING

RESOURCE
OPTIMIZATION

COSTUMER
INSIGHTS

FOR NGOs

RESOURCE
ALLOCATION FOR
MAX IMPACT

TRACK PROGRESS
AND IMPACT OF
INITIATIVES

TRANSPARENCY BY
DONOR ENGAGEMENT

ATTRACT
COLLABORATION &
PARTNERSHIPS

FOR UNDERDEVELOPED OR RURAL AREAS

IMPROVING PUBLIC
SERVICES

DISASTER
PREPAREDNESS &
RESPONSE

INFRASTRUCTURE
DEVELOPMENT

SUSTAINABLE
DEVELOPMENT

FOR GOVERNMENT

INFORMED DECISION
MAKING

EFFIECIENT RESOURCE
ALLOCATION

EMERGENCY PLANNING
AND RESPONSE

TRANSPARENCY AND
ACCOUNTABILITY