



Data Visualization Dashboard – Tableau Project



Project Overview

This project is a **data visualization dashboard** created using **Tableau** to explore and present insights from datasets obtained from data.gov.in. The dashboard has been published on **Tableau Public** for easy accessibility and interactive exploration.

The aim of this project is to:

- Transform raw government data into **interactive visual insights**.
- Highlight key **patterns and trends** through visual storytelling.
- Demonstrate data cleaning, preparation, and visualization skills using Excel & Tableau.







Tools & Technologies

- **Excel** → Data cleaning, preprocessing, and formatting.
- **Tableau** → Interactive dashboard creation and publishing.
- **Data Source** → data.gov.in (open government datasets).



Features of the Dashboard

-  **Interactive Charts & Graphs** for trend analysis.
-  **KPIs & Summary Metrics** for quick insights.
-  **Filters & Drill-Down Options** for detailed exploration.
-  **Tableau Public Link** for public access.





Workflow

1. **Data Collection** – Downloaded datasets from data.gov.in.

2. **Data Preparation** – Cleaned and structured data using Excel.
3. **Dashboard Development** – Built interactive visualizations in Tableau.
4. **Publishing** – Published the dashboard on Tableau Public for sharing and showcasing.

◆ Project Demo

 **Screen Recording:** *(Attached in this repository)*

 **Live Dashboard on Tableau Public:** https://public.tableau.com/app/profile/bhavya.arora2258/viz/NDMC_Financial_Trends/Dashboard1

◆ Key Learnings

- How to clean and preprocess raw datasets.
- Designing effective **data stories** using visualization principles.
- Hands-on experience in **Tableau Public publishing**.
- Improved skills in **data analysis & presentation**.

◆ Future Scope

- Automating data refresh for live updates.
- Adding more datasets for richer insights.
- Enhancing dashboard UI for better storytelling.