# Project : Zomato Dataset Analysis

## Overview

* This repository showcases my data analysis project performed using MySQL on the dummy zomato dataset.
* The dataset was obtained from Kaggle and consists of several files such as: `products.csv`, `sales.csv` etc, which were used to gain insights and perform various analysis on the Zomato dataset.

## Dataset

The dataset used for this analysis consists of the following files:

* `products.csv`: This file contains information about the different food items available on Zomato, including their names, prices etc.
* `sales.csv`: This file provides data on the sales made on Zomato, including the user who made the purchase, the product purchased, the quantity, and the order date.
* `users.csv`: This file contains details about the users of Zomato, including their names, contact information, etc.
* `gold\_users.csv`: This file contains information about users who have subscribed to Zomato's premium gold membership.

## Project Structure

This repository is structured as follows:

* `README.md`
* `products.csv`
* `sales.csv`
* `users.csv`
* `gold\_users.csv`
* `zomato\_analysis.sql`
* Raw dataset files:
* `products.csv`
* `sales.csv`
* `users.csv`
* `gold\_users.csv`
* `zomato\_analysis.sql`:
* This SQL script contains the queries used for data analysis on the Zomato dataset.
* The queries cover various aspects, such as sales analysis, user segmentation, product categorization, etc.
* Raw dataset files:
  + `PopByCity-Census2011.csv`
  + `PopByDistrict-Census2011.csv`
  + `PopByState-Census2011.csv`
  + `state`
  + `district`
  + `city`
* census\_2011\_analysis.sql:
  + This SQL script contains the queries used for data analysis on the 2011 Census dataset.
  + The queries cover various aspects, such as population distribution by state, district, gender and more.

Feel free to explore the `**census\_2011\_analysis.sql`** file to view the specific queries used in this analysis.

## Usage

To reproduce the analysis or explore the dataset and code further, please follow these steps:

1. Clone the repository:

git clone <https://github.com/your-username/your-repository.git>

1. Navigate to the project directory.
2. Set up a MySQL environment and import the csv files into the database.
3. Execute the SQL queries from the **`census\_2011\_analysis.sql`** file in your MySQL environment to perform the analysis.

## Dependencies

The following dependencies are required to run the **`census\_2011\_analysis.sql`** file:

* MySQL server and client

## License

The dataset used in this project is sourced from “https://www.census2011.co.in” and is subject to the licensing terms provided by the dataset author.