

ML Dental Clinic Data Analytics Project

📊 Overview

This project demonstrates end-to-end data analytics for ML Dental Clinic. It includes:

- Data Cleaning & Preparation
- Exploratory Data Analysis (EDA)
- SQL Querying
- Power BI Dashboard Creation

📁 Repository Structure

- └─ data/ # Raw and cleaned datasets
- └─ sql/ # SQL scripts for analysis
- └─ notebooks/ # Jupyter notebooks with EDA
- └─ outputs/ # Query results (Excel)
- └─ Dashboard/ # Power BI dashboard (.pbix)
- └─ reports/ # Project report and optional slides
- └─ README.md # Project overview

⚙️ Technologies

- Python (Pandas, Matplotlib)
- MySQL
- Power BI

📈 Key Deliverables

- Cleaned data
- 13 query outputs (Excel)
- Interactive dashboard
- Comprehensive PDF report

🚀 How to Use

1. Clone this repo:

git clone: <https://github.com/kumararjunjha/ML-Dental-Clinic-Data-Analytics>

2. Open `notebooks/` to explore the EDA.

3. Review `outputs/` for Excel query results.

4. Open `Dashboard/ML_Dental_Clinic_Dashboard.pbix` in Power BI.

📄 License

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