HOSPITAL DATA ANALYSIS USING SQL EXTRACT TRANSFROM AND LOAD

Prateek kumar

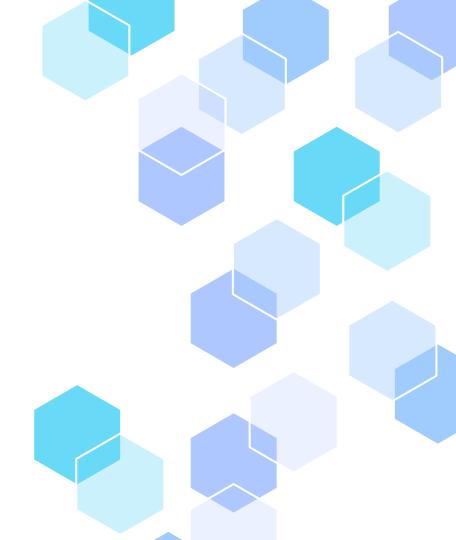


Table of contents

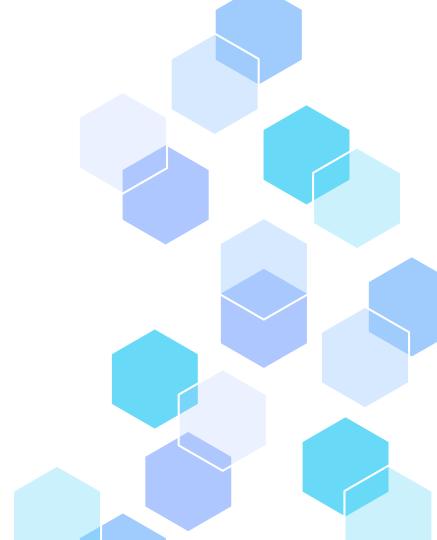
01 02 03

Introduction Import data Data cleaning

04

Analysis

O1 Introduction



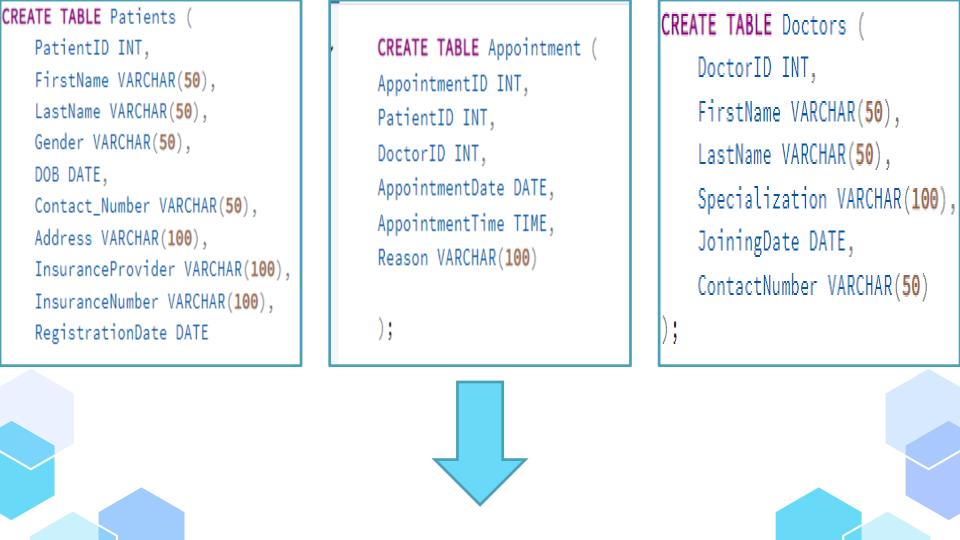
1. Introduction

Hello everyone , I am Prateek , today I am going to represent my Hospital Data analysis using SQL project , let's go

2. Importing Data Into SQL

To begin my analysis, I imported the hospital data from csv file into Postgre SQL.

This involved writing specific SQL queries to ensure accurate data transfer.

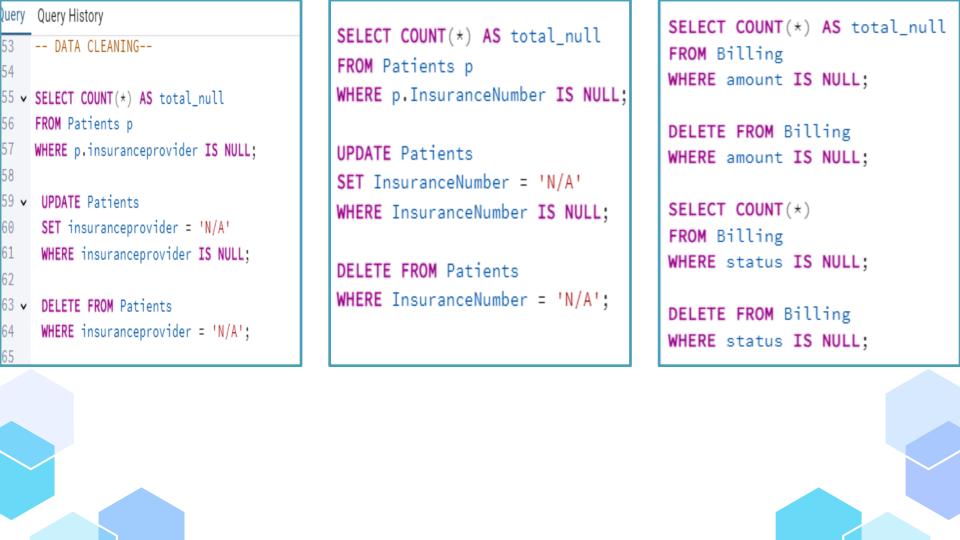


```
CREATE TABLE Medical_records(
  RecordID INT,
   PatientID INT,
    Diagnosis VARCHAR(100),
   Treatment VARCHAR(100),
    RecordDate DATE
```

```
CREATE TABLE Billing (
    BillID INT,
    PatientID INT,
    Amount NUMERIC(10,2),
    Status VARCHAR(50),
    PaymentMode VARCHAR(50),
    BillingDate DATE
```

3. Data cleaning

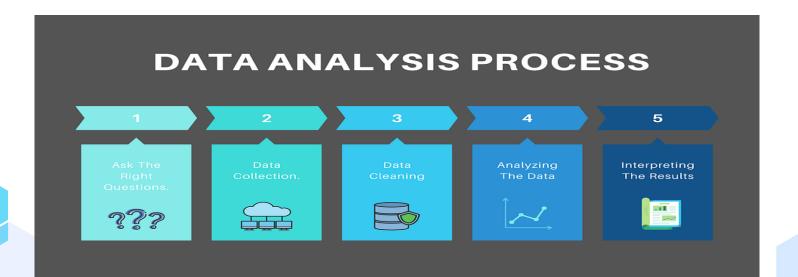
After importing CSV data into Postgre SQL, I proceeded with data cleaning. Recognizing its importance for accurate analysis, I write some SQL queries to clean and address data quality issues.



4. Analysis

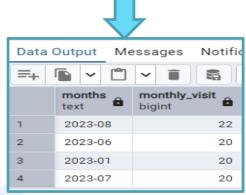


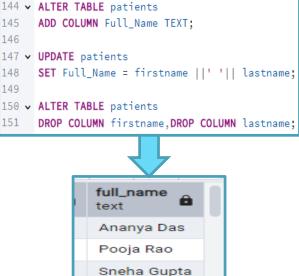
After cleaning my data in Postgre SQL, I started analyzing Hospital patients data .after completing my analysis, uncovered several key insights. Let's take a look!





--TOTAL PATIENTS MONTHLY VISIT--





Vikram Sin...

Sneha Ver...

--ADDING NEW COLUMN TO MERGE F&L NAMES--

141

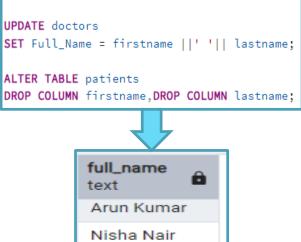
143

145

146

149

151



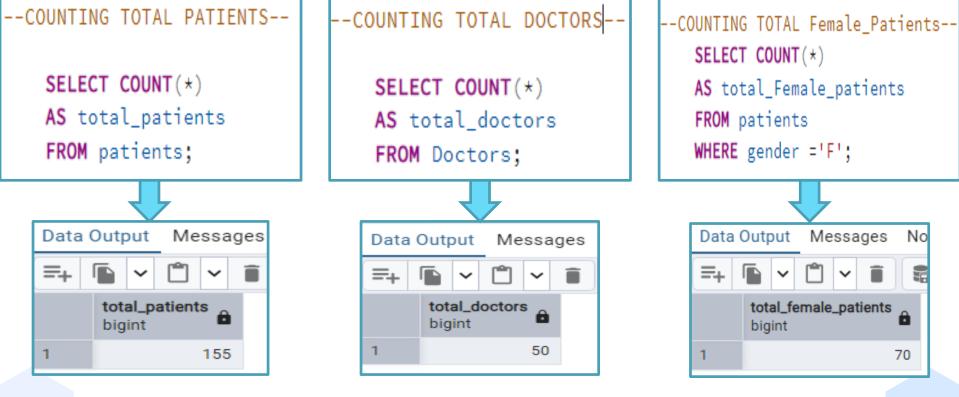
Anil Agarwal

Arun Nair

--ADDING NEW COLUMN TO MERGE F&L NAMES--

ALTER TABLE doctors

ADD COLUMN Full_Name TEXT;



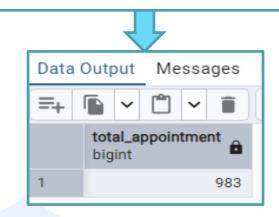
FROM patients WHERE gender = 'F'; Data Output Messages Νo total_female_patients bigint

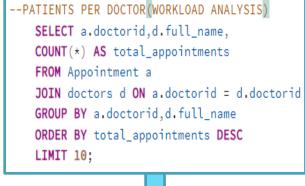
70

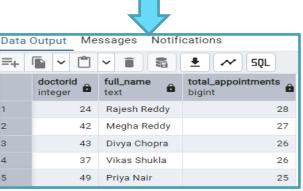
AS total_Female_patients

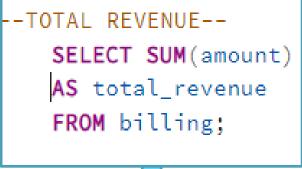
SELECT COUNT(*)

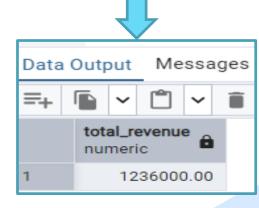


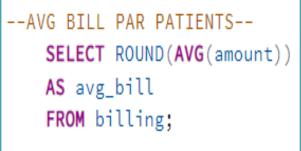


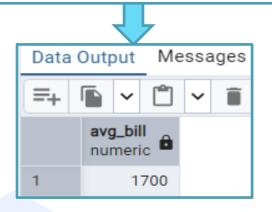


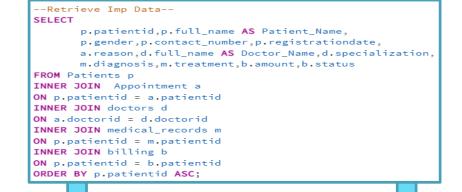


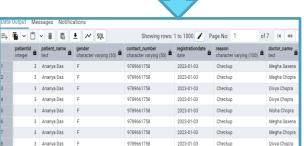












2023-01-03

2023-01-03

Divya Chopra

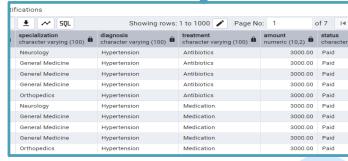
Nisha Chopra

9789661758

0780661758

3 Ananya Das

3 Ananya Das F



Data analysis for beginners







Collection

Cleaning

Analysis



Visualization

Hurrah! Project Completed

Hurrah! The project is finally complete! A lot of effort, dedication, and problem-solving went into making it a success....

Thanks!

Do you have any questions?

Email- pktsky648@Gmail.com







