Voice2SQL – Project Setup Guide

Follow the steps below to set up and run the Voice2SQL application locally.

# 📁 Repository

Clone the GitHub repository:

https://github.com/Naveenrohit264/naturalvoice2sql.git

# 📦 Install Dependencies

Navigate to the project directory and install the required Python packages:

pip install -r requirements.txt

# 🛠️ Database Setup (MySQL)

1. Create the database:

CREATE DATABASE voice\_db;

2. Use the database:

USE voice\_db;

3. Create the 'customers' table:

CREATE TABLE customers (  
 id INT AUTO\_INCREMENT PRIMARY KEY,  
 name VARCHAR(100) NOT NULL,  
 city VARCHAR(100) NOT NULL,  
 age INT  
);

4. Insert sample data:

INSERT INTO customers (name, city, age) VALUES  
('Alice', 'Bangalore', 28),  
('Bob', 'Chennai', 35),  
('Charlie', 'Bangalore', 30),  
('David', 'Hyderabad', 40),  
('Eva', 'Mumbai', 27),  
('Frank', 'Hyderabad', 32),  
('Grace', 'Delhi', 26),  
('Helen', 'Chennai', 29),  
('Ian', 'Kolkata', 33),  
('Jack', 'Mumbai', 31),  
('Kiran', 'Hyderabad', 36),  
('Lara', 'Bangalore', 24),  
('Mohan', 'Delhi', 39),  
('Nina', 'Chennai', 25),  
('Oscar', 'Kolkata', 38),  
('Priya', 'Mumbai', 34),  
('Qadir', 'Hyderabad', 37),  
('Ravi', 'Delhi', 41),  
('Simran', 'Bangalore', 23),  
('Tarun', 'Chennai', 22),  
('Uma', 'Hyderabad', 29),  
('Varun', 'Kolkata', 30),  
('Wendy', 'Delhi', 33),  
('Xavier', 'Mumbai', 35),  
('Yash', 'Bangalore', 26),  
('Zara', 'Chennai', 28);

# 🚀 Run the Application

Run the following Django commands to start the application:

1) python manage.py migrate

2) python manage.py runserver

Your Voice2SQL project is now live and ready to process natural language queries in English (voice + text) and Telugu (text).