**Open the project in VS Code Activate the Python environment and install the requirements by running the below command in the VS Code terminal**  
  
source venv/bin/activate # On Windows use `venv\Scripts\activate`

pip install Flask psycopg2-binary SQLAlchemy spacy

python -m spacy download en\_core\_web\_sm

npm install bootstrap jquery

**Database Setup:**

Open PostgreSQL (PgAdmin Tool)  
Inside PgAdmin run the below commands in the PSQL Tool

CREATE DATABASE chatbot\_db;

The database will be created, open the PSQL tool for the created database and run the below commands  
  
CREATE TABLE products (

product\_id SERIAL PRIMARY KEY,

name VARCHAR(255),

description TEXT,

price NUMERIC(10, 2),

stock\_quantity INTEGER

);

CREATE TABLE orders (

order\_id SERIAL PRIMARY KEY,

customer\_id INTEGER,

order\_status VARCHAR(50),

date\_ordered TIMESTAMP,

total\_amount NUMERIC(10, 2)

);

CREATE TABLE faqs (

faq\_id SERIAL PRIMARY KEY,

question TEXT,

answer TEXT,

category VARCHAR(100)

);

INSERT INTO products (name, description, price, stock\_quantity)

VALUES

('T-shirt', 'Cotton T-shirt, available in various colors', 19.99, 50),

('Jeans', 'Blue denim jeans with a slim fit', 49.99, 30),

('Sneakers', 'Comfortable running sneakers', 89.99, 25),

('Jacket', 'Winter jacket with waterproof outer layer', 99.99, 15),

('Hat', 'Woolen hat with a snug fit', 14.99, 100);

INSERT INTO orders (customer\_id, order\_status, date\_ordered, total\_amount)

VALUES

(101, 'Shipped', '2023-09-01', 69.99),

(102, 'Processing', '2023-09-10', 49.99),

(103, 'Delivered', '2023-08-25', 89.99),

(104, 'Cancelled', '2023-09-12', 99.99),

(105, 'Delivered', '2023-09-03', 39.99);

INSERT INTO faqs (question, answer, category)

VALUES

('How do I return a product?', 'You can return a product within 30 days of purchase. Visit our Returns page for more information.', 'Returns'),

('What are your shipping options?', 'We offer standard, expedited, and overnight shipping. Shipping costs vary based on your location.', 'Shipping'),

('How do I track my order?', 'You can track your order using the tracking link provided in your order confirmation email.', 'Order Tracking'),

('What payment methods do you accept?', 'We accept credit cards, PayPal, and bank transfers.', 'Payments'),

('How do I change my shipping address?', 'To change your shipping address, go to your account settings or contact customer service.', 'Account Management');

Now the database setup is done   
  
**Go back to VS Code in the terminal and run the below command to run the web application on the local server**  
  
python app.py