

## REQUIREMENTS

- PostgreSQL 14 or higher
- Required extensions:
  - o **uuid-oss** (for UUID generation)
  - o **pgcrypto** (for cryptographic functions)

## INSTALLATION

### Step 1: Connect to PostgreSQL

```
# Connect as superuser
psql -U postgres

# Or connect to a specific database
psql -U postgres -d trading_db
```

### Step 2: Create the Database (if it does not exist)

```
CREATE DATABASE trading_db;
\c trading_db
```

### Step 3: Execute the Schema

```
# From the terminal
psql -U postgres -d trading_db -f schema.sql

# Or from within psql
\i schema.sql
```

### Step 4: Verify the Installation

```
-- View all created tables
\dt

-- View all enumerated types
\dT

-- Count records (there should be 1 admin user)
SELECT COUNT(*) FROM users;
```