# PySchema Setup (POC demo)

## From GitHub

* Download zipped file from GitHub <https://github>.com/arccons/PY-Schema (CompareSchema branch)

## Database Setup

* Database: SQL Server 2022
* Database Driver: 'ODBC Driver 17 for SQL Server'
* Database Name: SchemaCheck
* Database Script: SUBJECT.sql from Data\Scripts folder

## Python/Django Setup

* Install Python
* Create Base folder; cd Base
* Create Virtual Environment in Base folder (python -m venv .CompareSchema)
* Activate Virtual Environment (.\.CompareSchema \Scripts\activate)
* Install from requirements.txt (pip install -r requirements.txt) from zipped file
* Unzip GitHub zipped file **AS** PY-schema folder into Base folder
* Update Backend\.env file
* cd PY-schema\Backend\API
* Run the server (python manage.py runserver)

## Frontend Setup

* Setup nodejs
* cd PY-schema\Frontend
* npm install
* npm start