# CompareSchema Setup (POC demo)

## Local Setup

* Install Python
* Create Base folder; cd Base
* pip install django
* pip install djangorestframework
* Create Python Virtual Environment in Base folder (python -m venv .CompareSchema)
* Activate Virtual Environment (.\.CompareSchema \Scripts\activate)
* Download zipped file from GitHub <https://github>.com/arccons/PY-Schema (CompareSchema branch)
* Install from requirements.txt (pip install -r requirements.txt) from zipped file
* Extract contents of PY-Schema/CompareSchema folder into base folder
* Setup DB

## Database Setup

Update Backend\.env file with setups from .env.base

### SQL Server

* Set DB=’mssql’
* Database Script: SUBJECTS-SQLSERVER.sql from DB

### Postgres SQL

* Set DB=’pgsql’
* Database Script: SUBJECTS-POSTGRES.sql from DB
* Add password

## Frontend Setup

* Setup node.js
* cd PY-schema\Frontend
* npm install

## Run Servers

* cd PY-schema\Backend\API (with .CompareSchema Virtual Environment)
* Run the server (python manage.py runserver)
* In Frontend folder: npm start dev