### Installation (first time only)

* Install python v3.9.x: <https://www.python.org/downloads/release/python-3910/>
  + V3.10.x is **not compati**ble with some of the libraries in use
* Install pip v21.2.4 (install from Windows Store seems to be the easiest method)
* - install/update the C++ build tool: <https://visualstudio.microsoft.com/thank-you-downloading-visual-studio/?sku=BuildTools&rel=16>
  + alternative: install pre-compiled version of all C++ built files (lxml, etc)
* **Microsoft ODBC drivers**: [https://docs.microsoft.com/en-us/sql/connect/odbc/download-odbc-driver-for-sql-server?view=sql-server-ver15#download-for-windows](https://docs.microsoft.com/en-us/sql/connect/odbc/download-odbc-driver-for-sql-server?view=sql-server-ver15%23download-for-windows)
* **In .**env file please update your local DB config:

DB\_NAME=your db

DB\_HOST=your ip

DB\_PORT=

DB\_USER=your user

DB\_PASSWORD= your password

* prepare a virtual so installed libraries don’t collide with other projects.
  + **python -m pip install --upgrade pip setuptools wheel source**
  + **python -m venv sandbox**
  + **.\\sandbox\Scripts\\activate.bat** (Windows syntax)
  + **python -m pip install --upgrade pip setuptools wheel source** (reapply these installs within the virtual environment)
  + **pip install -r requirements.txt** (should be a clean run to install all required libraries/packages)

### Update/Run

* **python -m venv sandbox**
* **.\\sandbox\Scripts\\activate.bat**
* **Python manage.py runserver**
* **python --version Python 3.9.10**
* **Django version 2.1.13**