Set-up instructions for the ODM SDKs

Genestack SDK requires a stable Python environment.

Requirements

- Python 3
- pip

Check your Python version

Open a terminal and run:

```
None
python3 --version
```

If it does not show **Python 3.10.x**, install Python 3.10:

Windows

Download & install: https://www.python.org/downloads/release/python-3100/

Make sure to select:

- "Add Python to PATH"

macOS

Using Homebrew:

```
None
brew install python@3.10
```

Linux

```
None
sudo apt-get update
sudo apt-get install python3.10 python3.10-venv python3.10-dev
```

3. Create a Working Environment (Optional but Recommended)

Create a virtual environment

```
None
python3.10 -m venv genestack-env
```

Activate it

- Windows:

```
None
genestack-env\Scripts\activate
```

- macOS/Linux:

```
None
 source genestack-env/bin/activate
```

You will see (genestack-env) prefixed in your terminal.

4. Install Genestack SDK

Once Python 3.10 (and optionally the virtual environment) is ready, install the SDK:

```
None
python3 -m pip install odm-sdk
```

You can check the installation with:

```
None
python3 -m pip show --verbose odm-sdk
```

Expected: A version number printed with no errors:

```
None
Name: odm-sdk
Version: 1.61.0
Summary: SDK for interacting with the Open Data Manager
Home-page: https://github.com/genestack/sdk
Author: Genestack Limited
```

You can review the instructions in the user guide.

Feel free to contact the Genestack team for any questions.

Sharon Ruiz-Lopez
FAS
Sharon Ruiz-Lopez