

1. Data Ingestion

Using Excel or LibreOffice-based input file

- User-friendly
- Modular
- Drop-down menus

2. Data QC

Python script with auto-checks data for outliers and provides a detailed log

Complemented by manual check topic-expert

3. Data Structuring

Data is modified to be SQL compatible

Python script creates and adds:

- unique identifiers
- SQL-compatible csv files

4. Upload mySQL

Data in csv files (step 3) are uploaded to mySQL graphical user-interface

5. MOSAIC website

Rshiny script auto-loads data from SQL

Data is displayed in user-friendly & interactive MOSAIC website

Data is downloadable for all users