**Instructions for Setting Up and Running the Program**

**1. Downloading and Installing Python**

* Visit the official Python website: <https://www.python.org/downloads/>
* Download the latest version of Python for your operating system.
* Run the installer and make sure to select the option **"Add Python to PATH"** during installation.
* Complete the installation process.
* Ensure that Python is successfully installed by running the command ‘**python3 –version**’ in the terminal.

**2. Setting Up the Environment**

* Open your terminal or command prompt.
* Navigate to the directory or folder where the project is located using the cd command.

Example: ‘**cd path/to/your/project/directory’**

**3. Installing Required Libraries**

* Ensure you have the requirements.txt file in the project directory.
* Run the following command to install all necessary Python libraries:

**‘pip install -r requirements.txt’**

**4. Running the Program**

* Ensure your input file (e.g., Ms0004-32-01-OA-44-AT-MR-BSF-MMF.xlsx) is in the same directory as the script.
* Open the terminal or command prompt.
* Run the program using the following command:

**‘python3 FinalBigSpread.py <input\_file\_name>’**

**Example:**

**‘python3 FinalBigSpread.py Ms0004-32-01-OA-44-AT-MR-BSF-MMF.xlsx’**  for spreadsheets with only 1 sheet

**‘python3 FINALveirf.py Ms0004-13-02 metadata spreadsheet’** *for spreadsheets that have tech metadata sheet and descript metadata sheet*

The program outputs logs and a highlighted spreadsheet file based on the input validation.