

To ensure your customer can run the `Stage1_DataCollection.py` script without issues, here's a checklist of what they need to install and set up:

1. Python Installation

- Ensure the customer has Python installed (preferably version 3.8 or newer).
- Download Python from python.org.
- During installation, ensure the option **Add Python to PATH** is checked.

2. Required Python Libraries

The script uses the following libraries:

- `MetaTrader5`
- `pandas`
- `os` (built-in)
- `datetime` (built-in)

The customer can install the required third-party libraries (`MetaTrader5` and `pandas`) using pip:

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```
pip install MetaTrader5 pandas
pip install numpy==1.24.4
```

3. MetaTrader 5 Platform

- The customer must have MetaTrader 5 installed on their machine.
- Provide instructions for connecting the script to their MetaTrader 5 terminal, including:
 - Logging in to their trading account.
 - Ensuring MetaTrader 5 allows API connections.
 - Running the script on the same machine where MetaTrader 5 is installed.

4. Directory Structure

Share the following directory structure with the customer:

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```
BiasFX/
├── BiasFX_Data/  # This folder will hold the output data.
```

```
└─ BiasFX_Scripts/  
  └─ Stage1_DataCollection.py  # Your Python script.
```

Ensure they place the script inside **BiasFX_Scripts** and that **BiasFX_Data** is created as a sibling directory.

5. Running the Script

Provide the customer with these instructions:

1) Open a terminal or command prompt.

Navigate to the **BiasFX_Scripts** directory:

2) bash

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```
cd path/to/BiasFX/BiasFX_Scripts
```

3) Run the script:

bash

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```
python Stage1_DataCollection.py
```

6. Additional Information

- Ensure the customer understands how to update the currency pairs or timeframes in the script if needed.
- Provide troubleshooting steps if they encounter issues (e.g., MetaTrader 5 not initializing).