● How to generate BRK reports via the "Prompt Example File" of EZ-UAQ Utility?

The EZ-UAQ Utility webpage provides chart examples to generate BRK reports via the “Prompt Example File”.

Note: Ensure the EZ-UAQ Utility Skill file has been installed in Claude before use **(**Refer to **FAQ-005).**

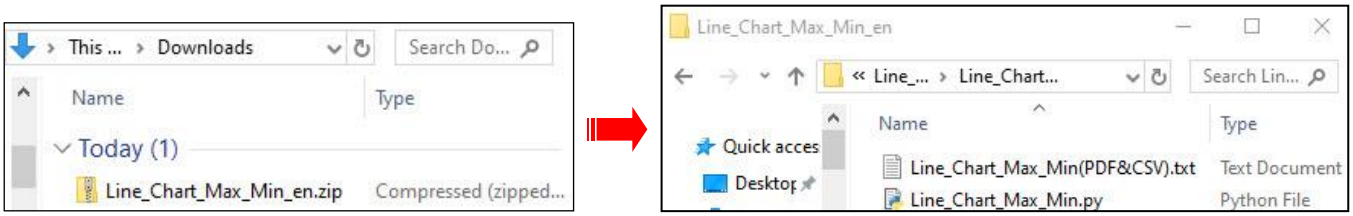
Step 1: Download the Prompt Example File

Download the “Prompt Source Code zip” (e.g., Line Chart 2) from the EZ-UAQ Utility website via the link below:

https://www.icpdas.com/en/download/show.php?num=9802&nation=TW&kind1=&model=&kw=EZ-UAQ



After unzipping the file, you will get a text file (.txt) and a program file (.py).



Description of the Prompt Example File:

1. The **program file (.py)** can be used directly in EZ-UAQ Utility to generate BRK reports. **(**Refer to Step 4**)**
2. The **text file (.txt)** can be modified as needed, then used in Claude.ai to generate a .py file for customized BRK reports in EZ-UAQ Utility.

➢ **The following explains how to generate the required BRK report by modifying a .txt file.**

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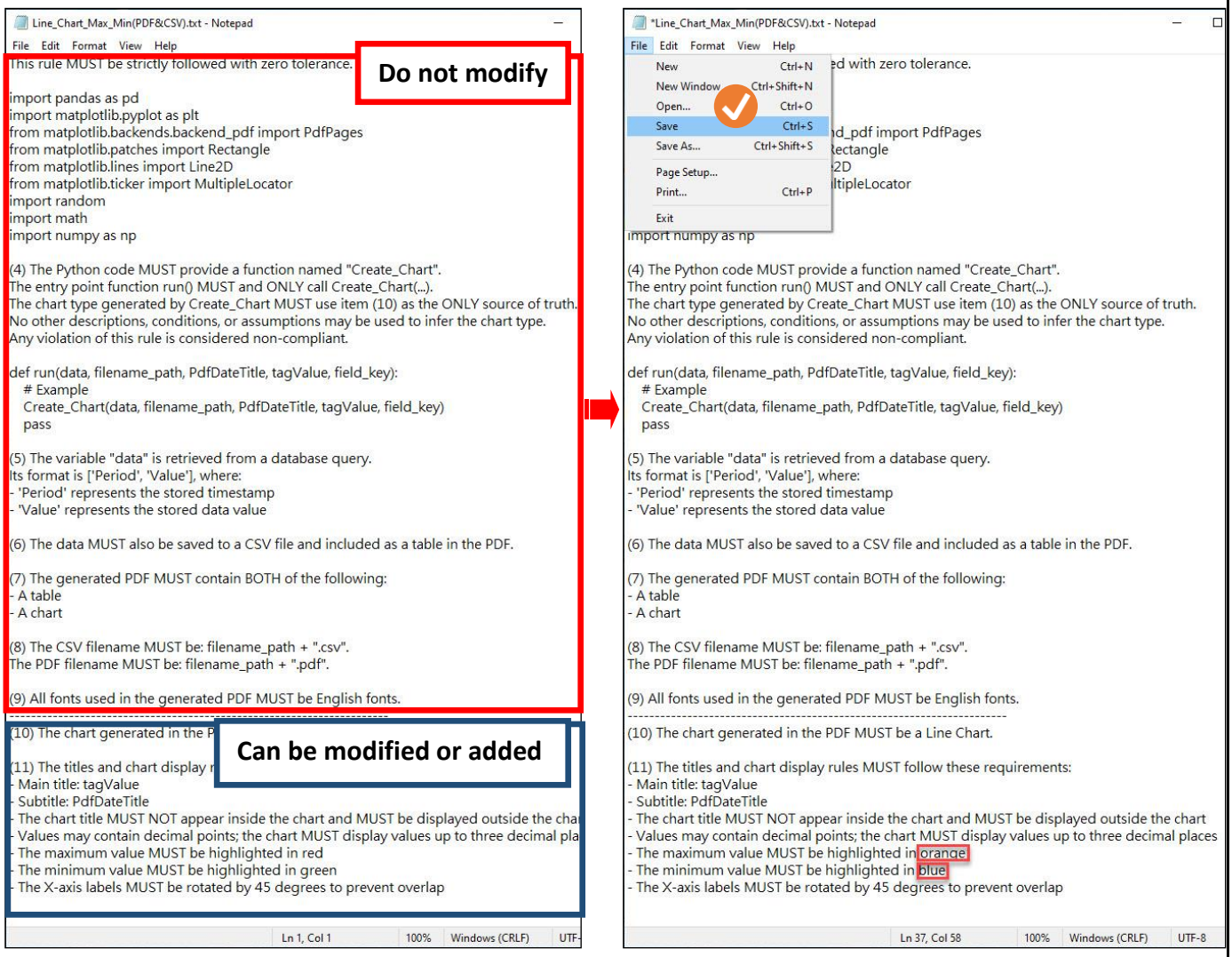
Step 2: Modify the text file (txt)

Open the text file (.txt) and modify the content as needed.



The following example shows how to modify max/min value colors in the .txt file（ as shown in the red box on the right. save after completion.

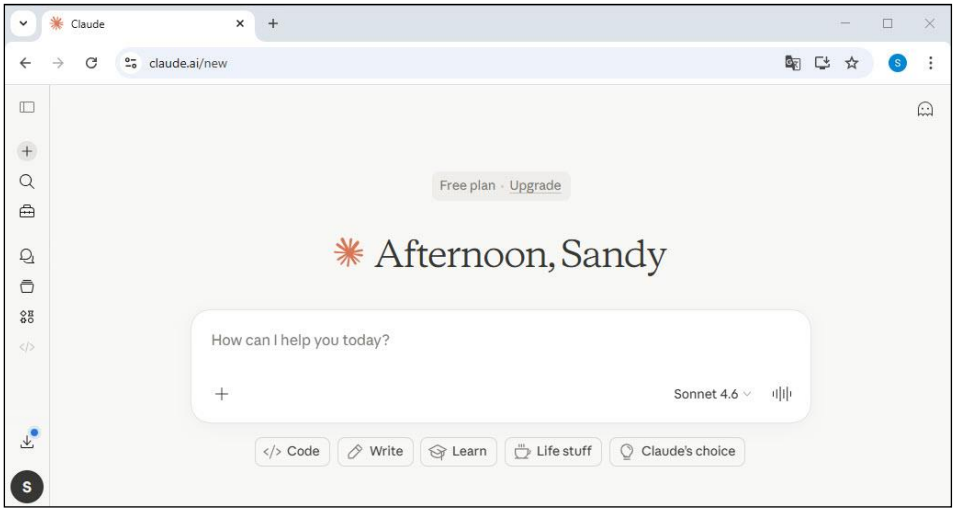
Note：Do not modify items (1)–(9) in the text file; only modify or add item (10) and below.



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Step 3: Generate Python (.py) files using Claude.ai

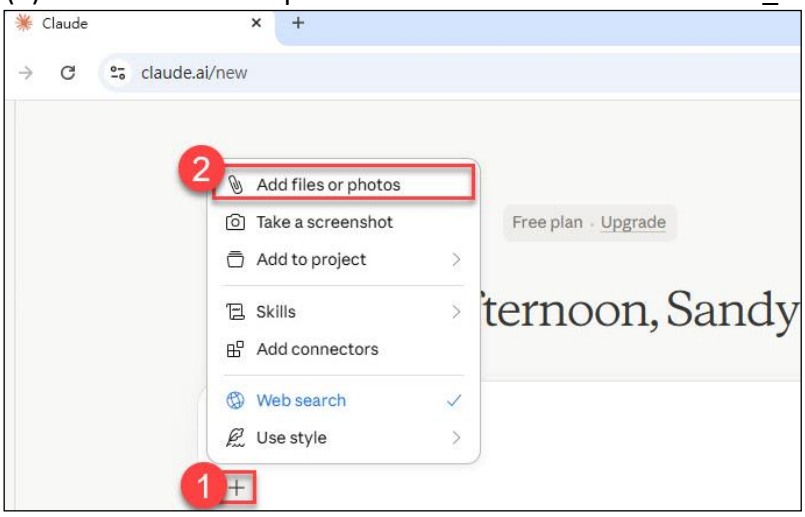
1. Open [Claude.ai]



2. Upload the .txt file to Claude.ai

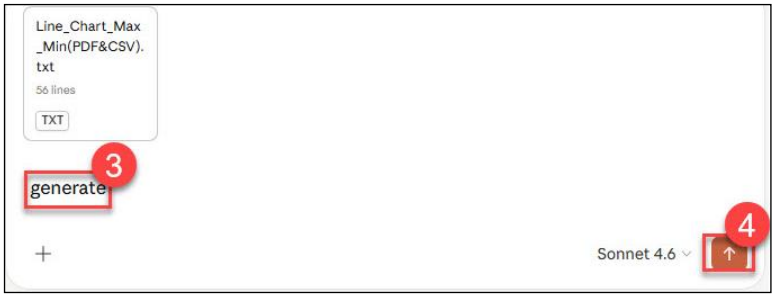
(1) Click the "+" button.

(2) Click “Add files or photos” and select the modified Line_Chart_Max_Min(PDF&CSV).txt file.





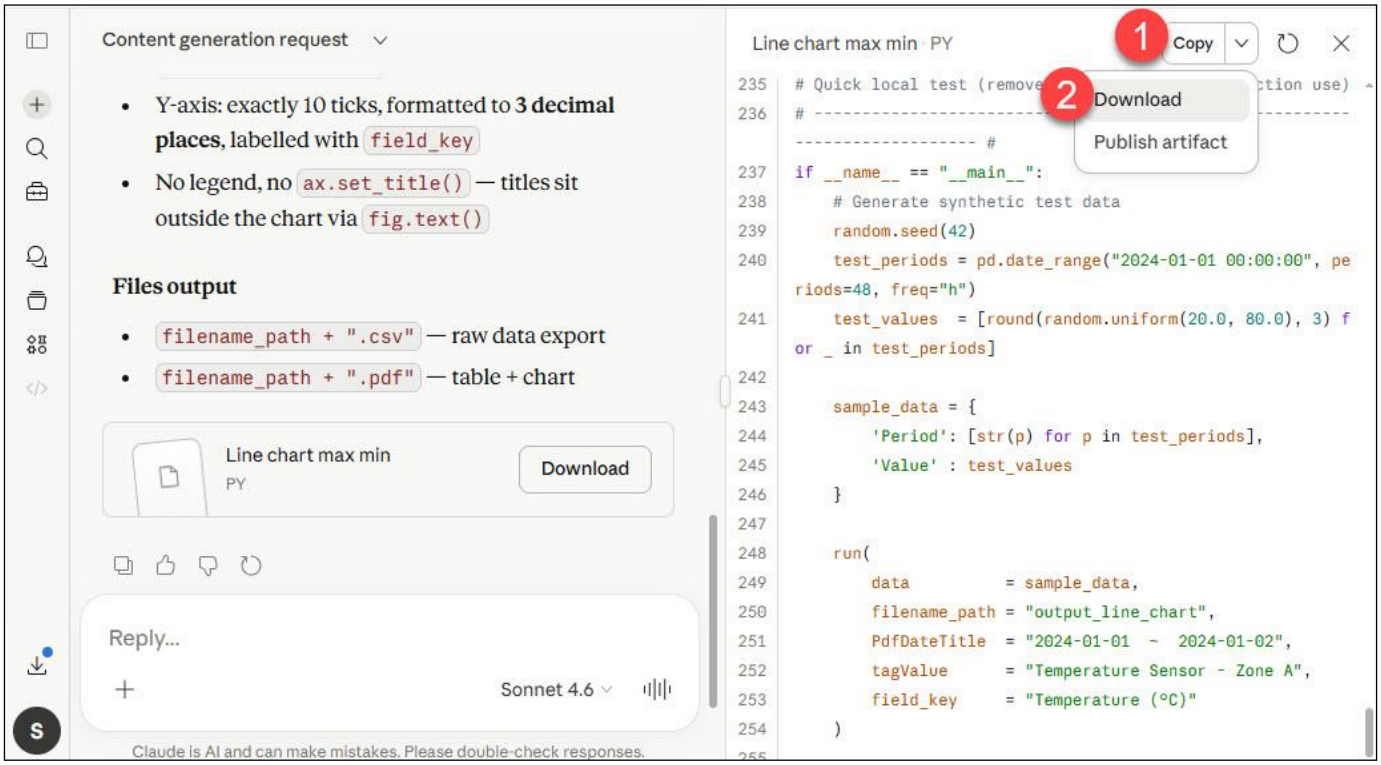
(3) Enter “generate” in the dialog box (4) click  .



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3. Download the generated .py file.

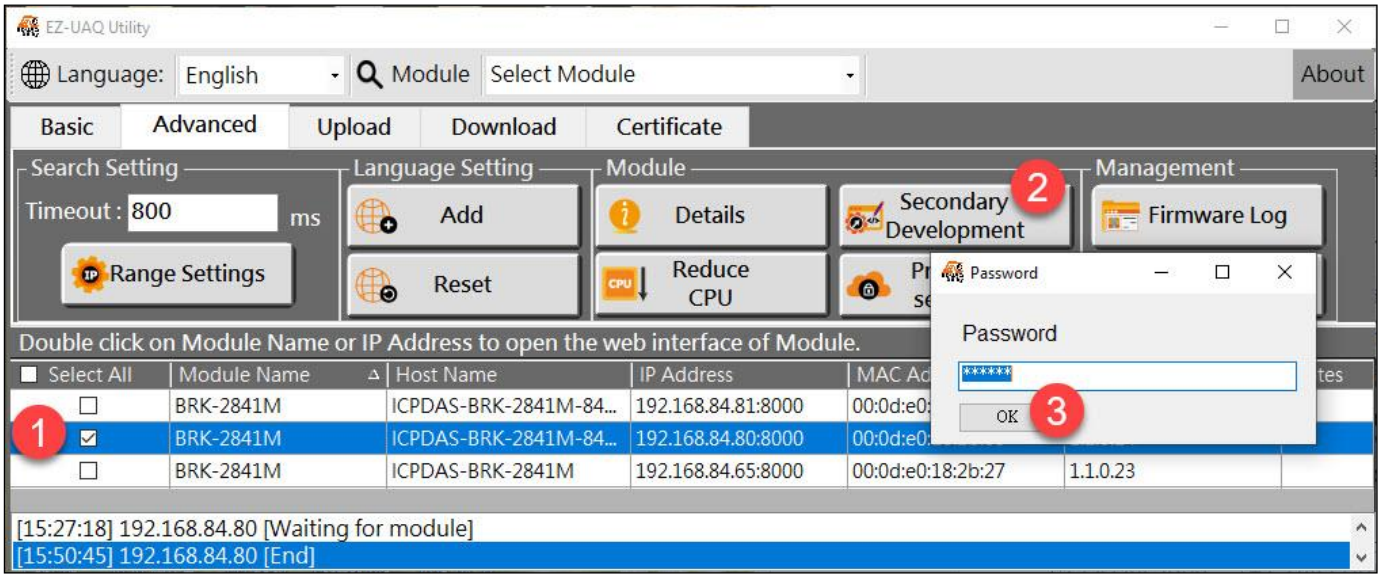
(1) Click "Copy" → (2) Select "Download" from the drop-down menu to complete the .py file download.



Step 4: Use the "Secondary Development" function of EZ-UAQ Utility to Upload the .py file

1. Enable the Secondary Development function of EZ-UAQ Utility.

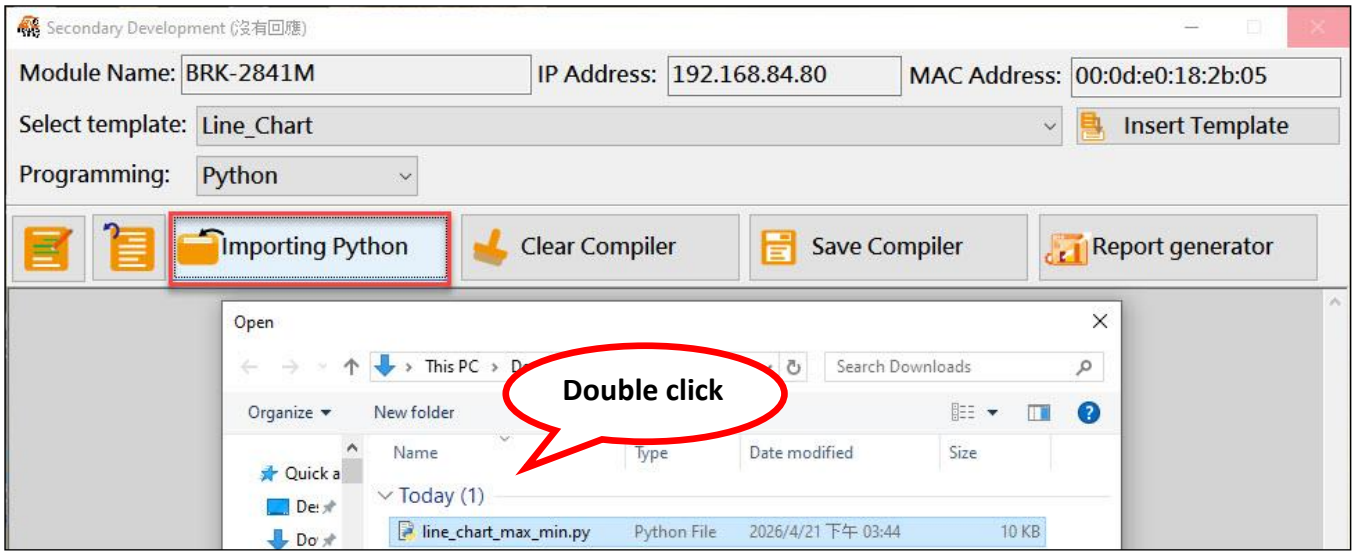
(1) Check the BRK→(2) Click the **"Secondary Development"** button→(3) Enter the EZ-UAQ Utility password set in the module, then click "OK".

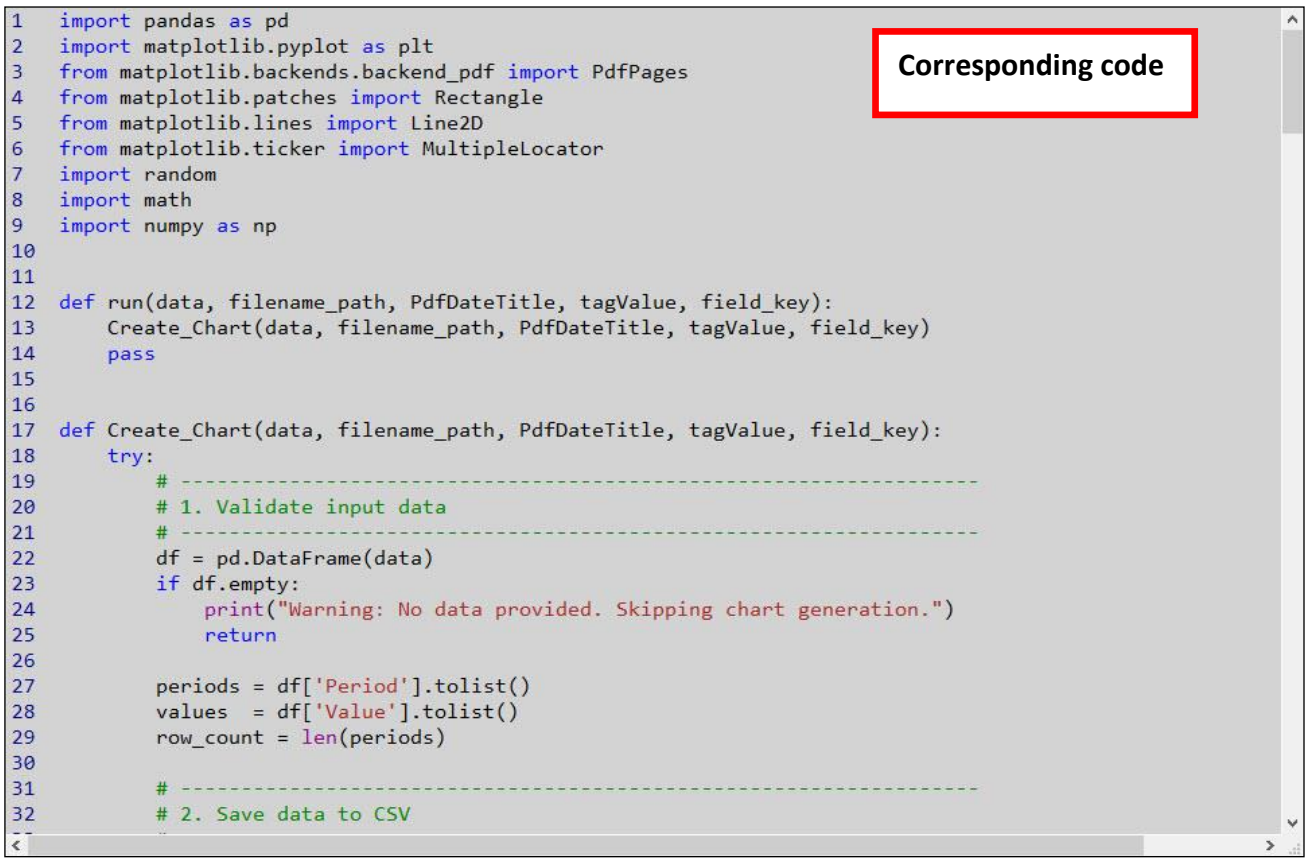


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2. Import the .py file generated by Claude.

Click the【**Importing Python**】button and double-click the **.py file** generated in Claude ai; the corresponding code will appear in the editing area.





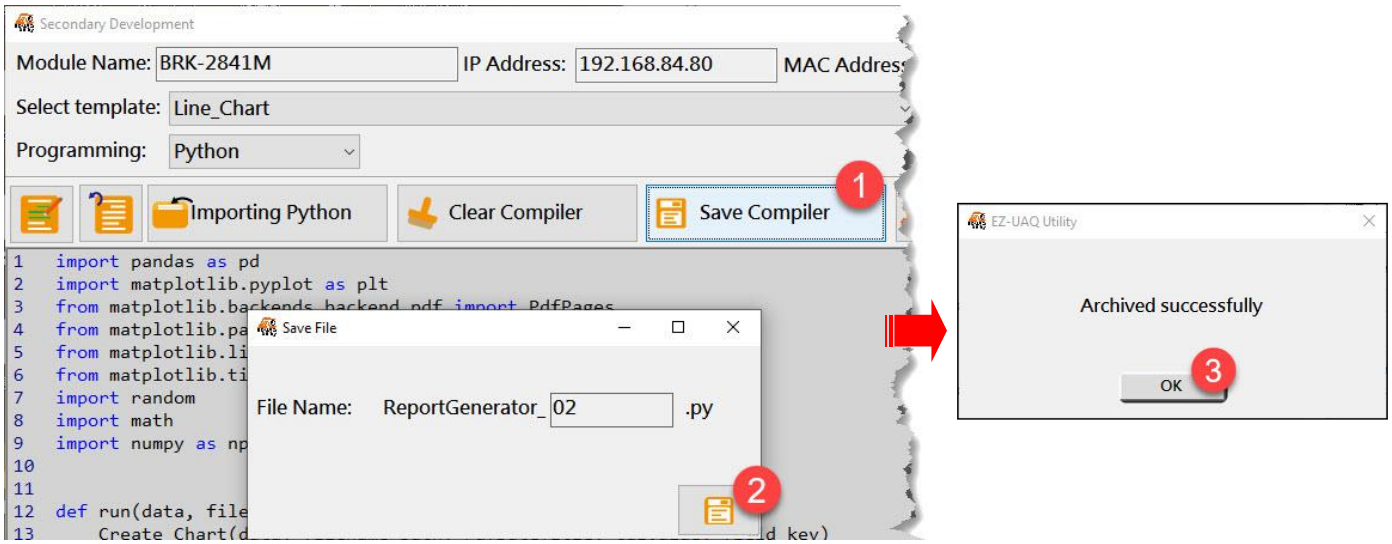
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3. Save the code

(1) Click the【**Save Compiler**】button.

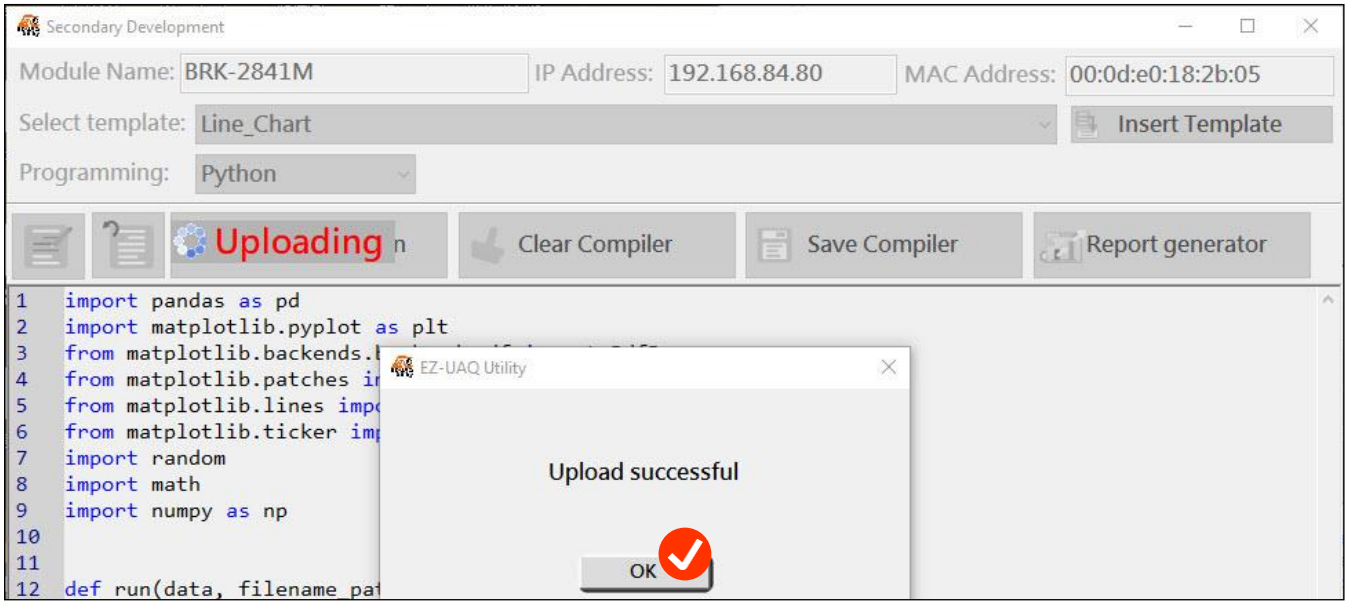
(2) Enter the file name in the "Save File" window, then click【**Save**】.

(3) After the "Archived successfully" message appears, click【**OK**】.



4. Upload the code

The code will be uploaded to the **BRK** automatically. Once complete, an **'Upload Successful'** message will appear; click **[OK]** to finish."

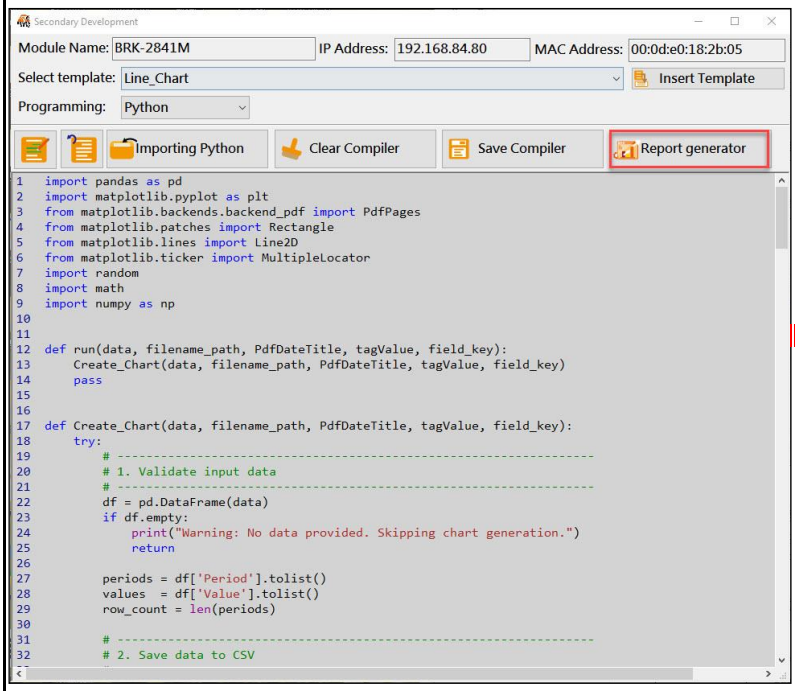


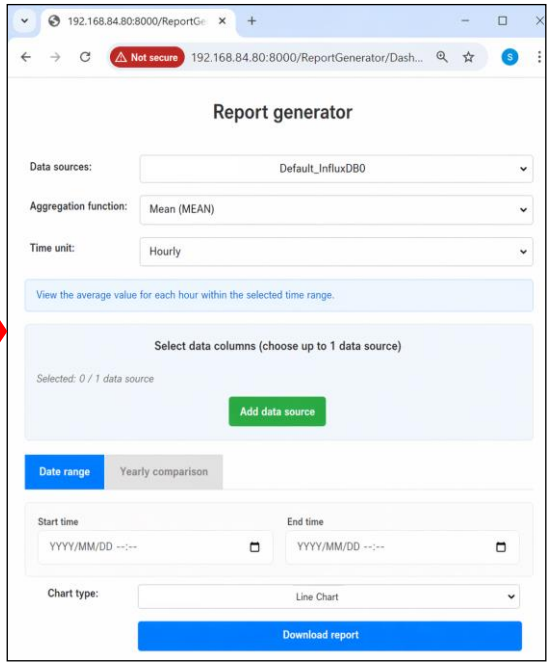
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Step 5: Generate the BRK Report

1. Open the Report Generator Page

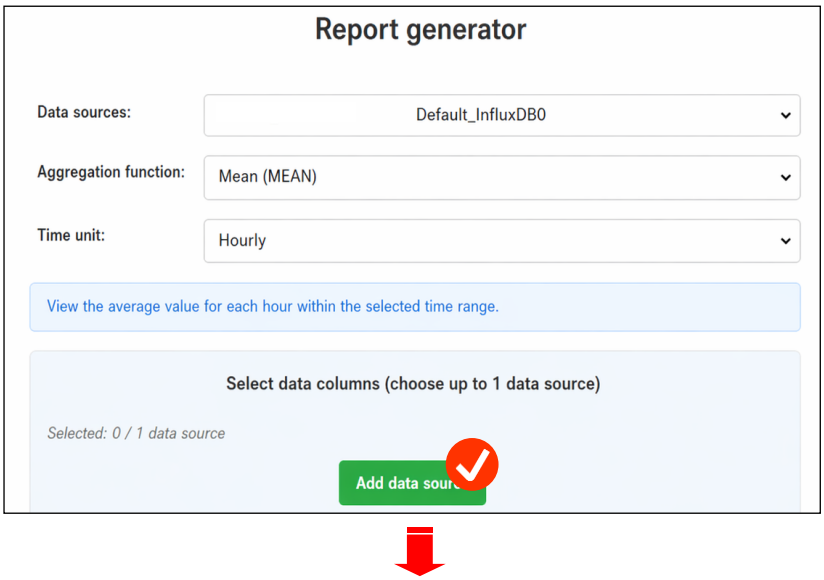
Click the **[Report Generator]** button to open the "BRK Report Generator" web interface.



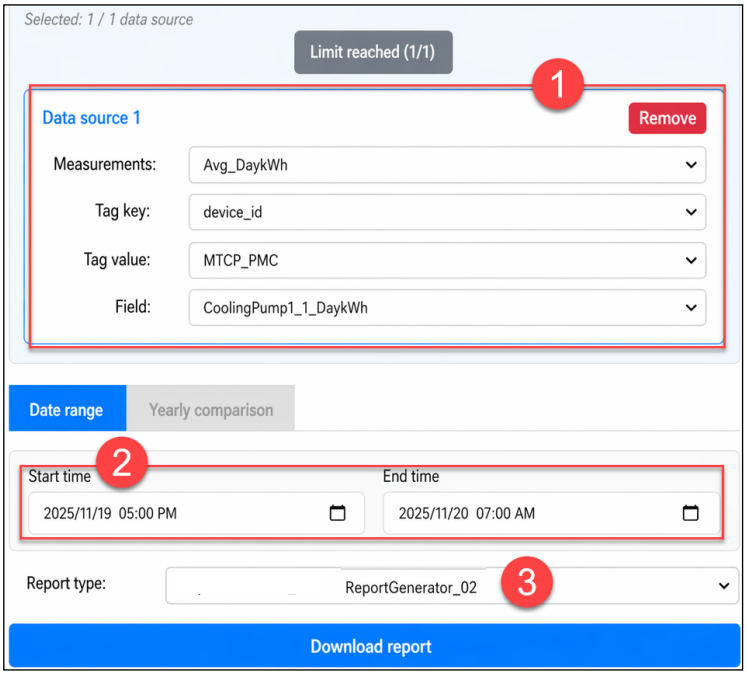


2. Configure report data

Under **Data Sources**, adjust the aggregation function and time unit (default values: mean and hourly).
Click the **[Add Data Source]** button and set the report data in sequence:
(1) Select the report data under “Data Source 1”
(2) Set the report start and end times in “Data Range”.
(3) In the “Report type” drop-down menu, select the file uploaded and named in EZ-UAQ Utility.

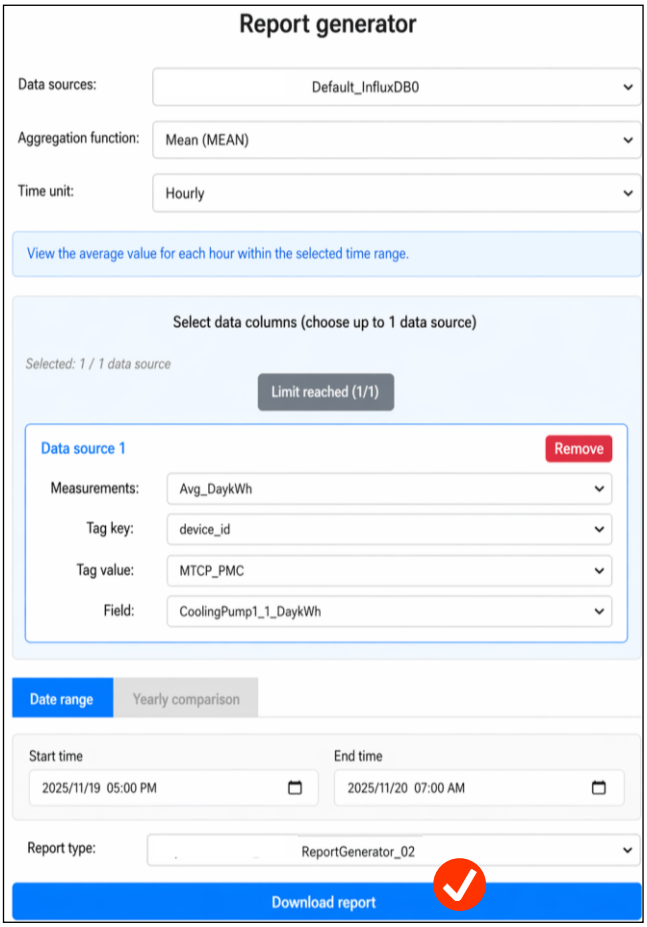


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3. Generate the BRK report

Click **[Download report]** button to generate a BRK report (Excel, PDF).





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