Jupyter Notebook to PDF

Presented by: Kennedy Waweru

The notebook-as-pdf extension

Easily transform your Jupyter Notebook to PDF file

There is an easy way to turn our Jupyter Notebooks into PDF files. Just with a simple setup, you can access your notebook as a PDF.

The first thing we need to do is to install the necessary package. Here we would use the package called **notebook-as-pdf** to help us convert Jupyter Notebook as PDF file.

Install notebook-as-pdf

Open your command prompt (CMD)

Pip install notebook-as-pdf

```
>pip install notebook-as-pdf
```

Successful Installation

- If notebook-as-pdf was installed successfully on your system you will see the following output:

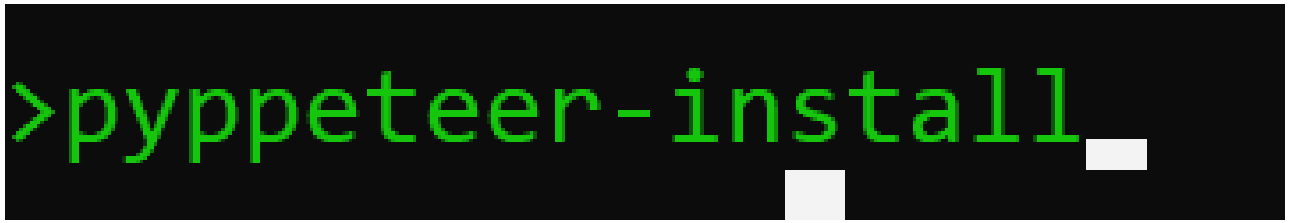
```
Installing collected packages: websockets, tqdm, pyee, importlib-metadata, app
dirs, pyppeteer, PyPDF2, notebook-as-pdf
    Running setup.py install for PyPDF2 ... done
Successfully installed PyPDF2-1.26.0 appdirs-1.4.4 importlib-metadata-4.11.3 n
otebook-as-pdf-0.5.0 pyee-8.2.2 pyppeteer-1.0.2 tqdm-4.63.1 websockets-10.2
```

If notebook-as-pdf was successfully installed, you can proceed to the second step

Install pyppeteer

This command will download and setup Chromium. It is used to perform the HTML to PDF conversion.

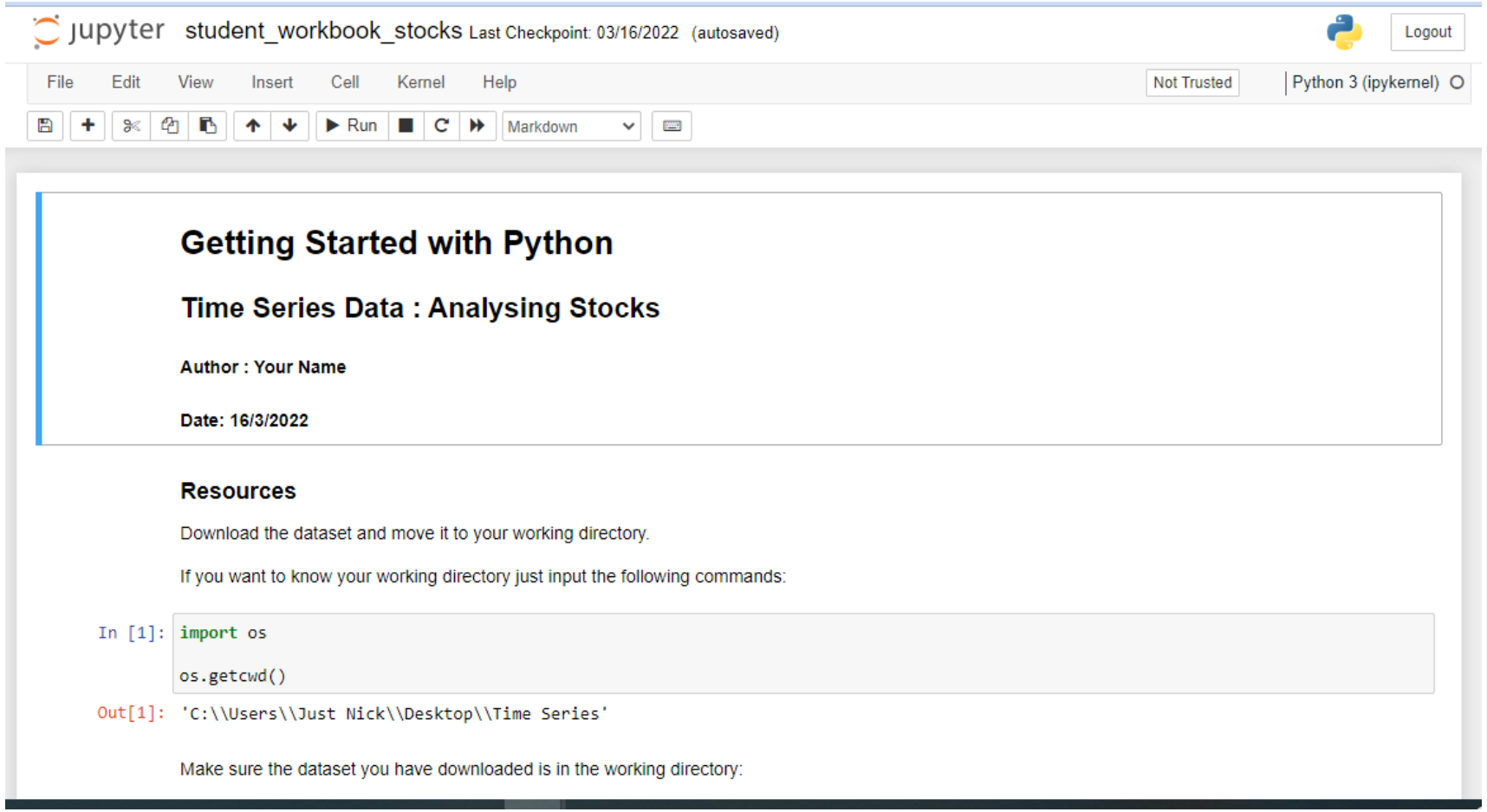
>pyppeteer-install



For example, I would use the notebook I provide in my article here to convert to the PDF form. Below is my Jupyter Notebook.

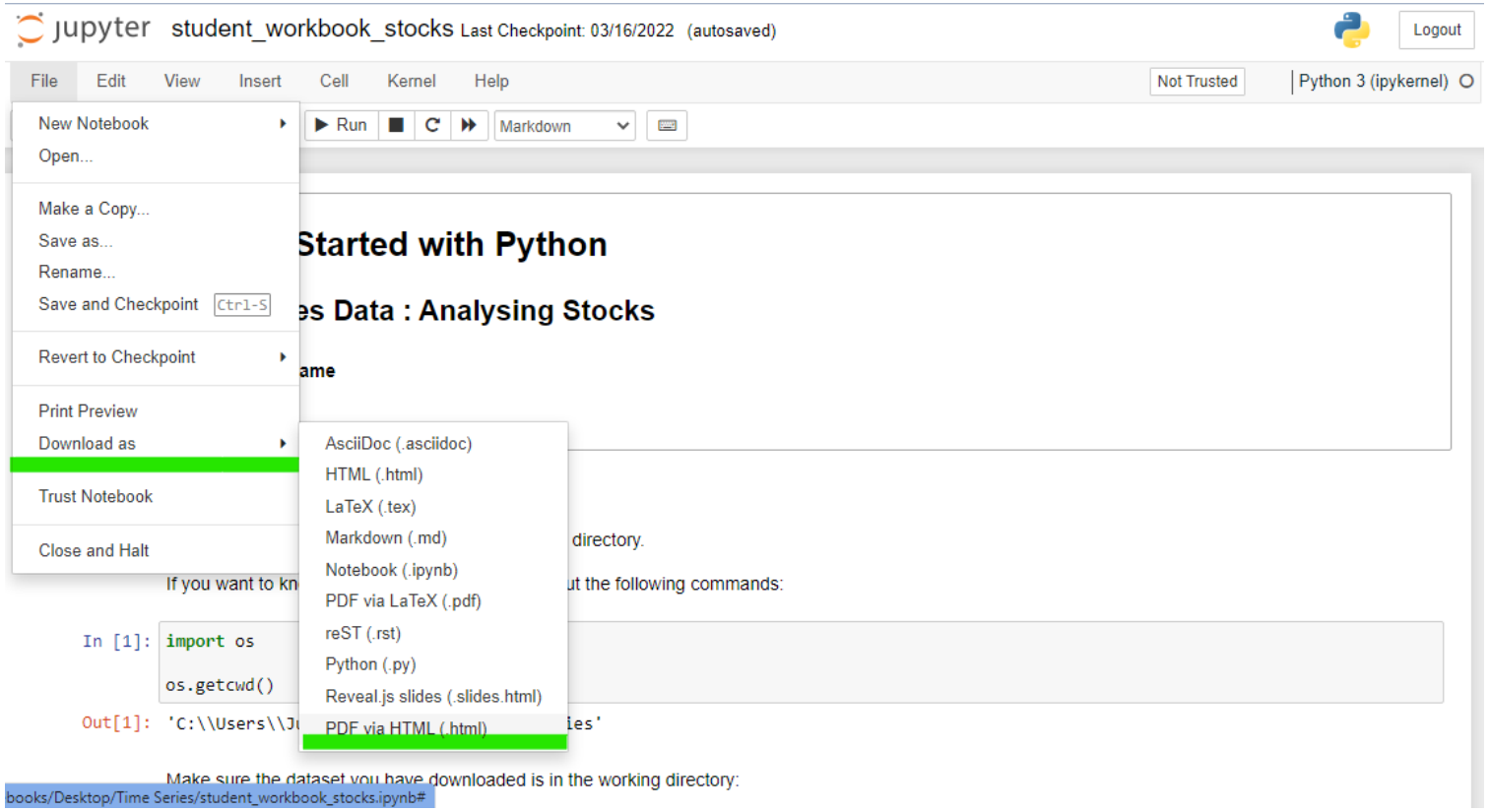
Convert student_workbook to pdf

Launch jupyter notebook and open the notebook you would like to convert to PDF.



Download As PDF via HTML

- In your notebook, click the file menu bar then select Download as then select the PDF via HTML to transform the notebook.



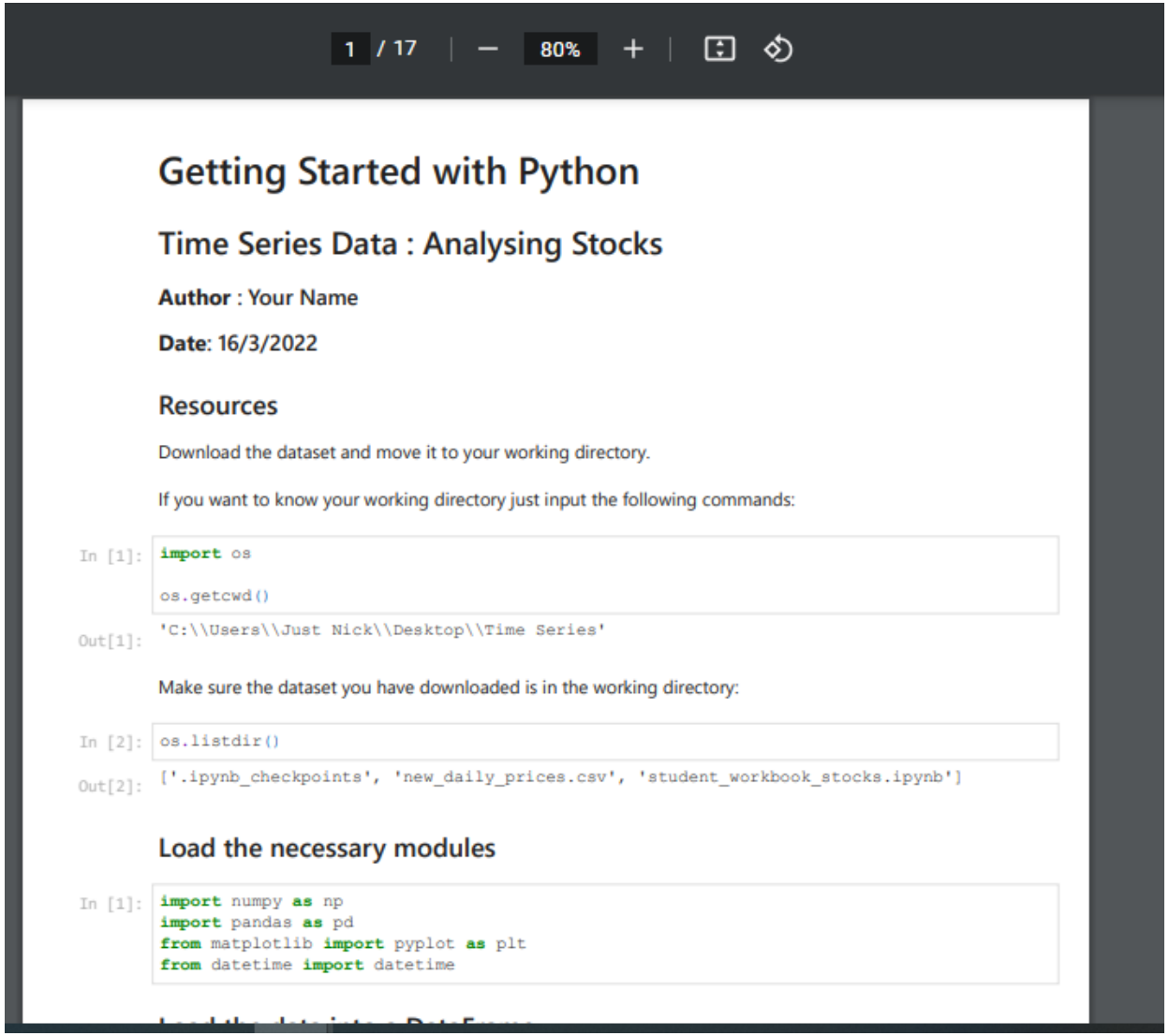
Download As PDF via HTML

- Create a notebook and the click "File -> Download As". Click the new menu entry called "PDF via HTML". Your notebook will be converted to a PDF on the fly and then downloaded.

Output Document

- The created PDF will have as few pages as possible
- You will have to use Acrobat Reader to see the attachment to your PDF.

- Open the document using your favorite document reader.



Dasclab.uonbi.ac.ke/analytics/projects/

Kindly Submit your projects on Time

Happy Coding!