All of these files were created via summer internships at CERN.  
  
<https://github.com/cms-opendata-education/cms-jupyter-materials-english>

TO ACCESS OF THE THEIR WORK, YOU ONLY NEED THE INITIAL LINK …

The link is here … <https://beta.mybinder.org/v2/gh/cms-opendata-education/cms-jupyter-materials-english/master?filepath=Introduction-to-jupyter/Welcome-to-Jupyter-Notebooks-intro.ipynb>  
  
It will work from any computer. I tried it with my Mac.  
From this Jupyter Notebook set-up you can get to all of the files AND EXERCISE via the imported directory.

1. The above link will take you to the initial introduction to Python and Jupyter programing Notebook. You can access all of the other Notebooks and Exercises right from this initial link.
2. First click on the “File” link and then select “Open”

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1. Then click on the folder icon A blue and black symbol

   Description automatically generated and it will open up the main CERN projects.

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I went through the document is great. Starts with basic documentation from the link.  
  
From there went the [Exercises-with-open-data](https://notebooks.gesis.org/binder/jupyter/user/cms-opendata-ed-terials-english-tuvj8f7y/tree/Exercises-with-open-data) which start with Basic, Advanced, Other and Warm-ups. These are all great.  
  
The [Data](https://notebooks.gesis.org/binder/jupyter/user/cms-opendata-ed-terials-english-tuvj8f7y/tree/Data) folder has all of the runs in CSV format for reference and possible analysis outside of the Jupyter Notebooks

1. If you disrupt your internet connection or close your laptop … all of you work is lost.  
     
   The work around for this is to saving work local computer and uploading Jupyter Notebook files.
2. To save work from “MyBinder” Jupyter instance you need to use the “Download as” tab. Select the “Notebook (.ipynb) format.

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Follow the instructions to save.

1. To upload locally saved .ipynb files and run them in the “MyBinder” Jupyter instance  
     
   First click on the “File” link and then select “Open”

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In the “Open” Menu …. Click on the “Upload” button

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Select your file from your local computer as normal …. You will then need to verify the upload by clicking the “Upload” button again.

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Then run the Notebook as normal.