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| **Data Science Projects Repos (Python)** |
| **GitHub Jupyter Notebook Topics**  <https://github.com/topics/jupyter-notebook>  **NoteBooks-Statistics-and-MachineLearning**  <https://github.com/leonvanbokhorst/NoteBooks-Statistics-and-MachineLearning/>  **Python-for-Probability-Statistics-and-Machine-Learning**  <https://github.com/unpingco/Python-for-Probability-Statistics-and-Machine-Learning>  **Data-Analysis-Science**  <https://github.com/Olow304/Data-Analysis-Science>  **scikit-learn-videos**  <https://github.com/justmarkham/scikit-learn-videos>  <https://www.youtube.com/playlist?list=PL5-da3qGB5ICeMbQuqbbCOQWcS6OYBr5A>  **Kaggle (public notebooks, public datasets); Python**  <https://www.kaggle.com/notebooks>  <https://www.kaggle.com/datasets> |
| **PythonDataScienceHandbook/notebooks/**  <https://github.com/jakevdp/PythonDataScienceHandbook/tree/master/notebooks>  **A-gallery-of-interesting-Jupyter-Notebooks**  <https://github.com/jupyter/jupyter/wiki/A-gallery-of-interesting-Jupyter-Notebooks#statistics-machine-learning-and-data-science> |

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| **Data Science Tutorials (Python):** |
| **A gallery of interesting Jupyter Notebooks**  <https://github.com/jupyter/jupyter/wiki/A-gallery-of-interesting-Jupyter-Notebooks#statistics-machine-learning-and-data-science>  **Top Python Libraries Used in Data Science**  <https://nbviewer.jupyter.org/github/Tanu-N-Prabhu/Python/blob/master/Top_Python_Libraries_Used_In_Dat%C2%A0Science.ipynb>  Data Cleaning  Exploratory Data Analysis or (EDA)  Building the model  **Open Source data science projects**  <https://opensource.com/article/19/2/learn-data-science-ai>  **Pandas:**  **Pandas Tutorial Joining Dataframes**  <https://www.datacamp.com/community/tutorials/joining-dataframes-pandas>  **Data Wrangling with Pandas**  <https://www.earthdatascience.org/courses/earth-analytics-bootcamp/data-wrangling/data-wrangling-pandas/>  **Joining DataFrames in Pandas**  <https://www.datacamp.com/community/tutorials/joining-dataframes-pandas> |

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| **JupyterLab Documentation** |
| **JupyterLab Documentation**  <https://jupyterlab.readthedocs.io/en/stable/>  **JupyterLab Notebook**  <https://jupyterlab.readthedocs.io/en/stable/user/notebook.html>  **Running the Notebook**  <https://jupyter.readthedocs.io/en/latest/running.html>  **Docs » Exporting Notebooks** <https://jupyterlab.readthedocs.io/en/stable/user/export.html> |

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| **JupyterLab Features** |
| **JupyterLab Data Explorer** <https://github.com/jupyterlab/jupyterlab-data-explorer>  **JupyterLab Git** <https://github.com/jupyterlab/jupyterlab-git>  **JupyterLab TOC** <https://github.com/jupyterlab/jupyterlab-toc> |

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| **Dev Environment**  **Install, Setup, Configure** |
| **How To Organize Your Project: Best Practices for Open Reproducible Science**  <https://www.earthdatascience.org/courses/intro-to-earth-data-science/open-reproducible-science/get-started-open-reproducible-science/best-practices-for-organizing-open-reproducible-science/>  **Manage your Data Science project structure in early stage**  <https://towardsdatascience.com/manage-your-data-science-project-structure-in-early-stage-95f91d4d0600>  **Cookiecutter Data Science : Organize your Projects**  <https://medium.com/@rrfd/cookiecutter-data-science-organize-your-projects-atom-and-jupyter-2be7862f487e> |

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| **Python Libraries** |
| **NumPy Reference**  <https://numpy.org/doc/stable>  **NumPy User Guide**  <https://numpy.org/doc/stable>  **NumPy v1.17 Manual**  <https://numpy.org/doc/stable>  **SciPy Reference**  <https://docs.scipy.org/doc/scipy/reference/> |

**Python Numpy Tutorial (with Jupyter and Colab)**

<https://cs231n.github.io/python-numpy-tutorial/>

**Scipy Lecture Notes**

<http://scipy-lectures.org/index.html>

**Advanced NumPy**

<http://scipy-lectures.org/advanced/index.html>

2.1. Advanced Python Constructs

2.2. Advanced NumPy

2.3. Debugging code

2.4. Optimizing code

2.5. Sparse Matrices in SciPy

2.6. Image manipulation and processing using Numpy and Scipy

2.7. Mathematical optimization: finding minima of functions

2.8. Interfacing with C

**SciPy2020**

<https://www.scipy2020.scipy.org/tutorial-information>

**Spring Python v1.2.1.FINAL documentation**

<https://docs.spring.io/spring-python/1.2.x/sphinx/html/dao.html>