**Google form link**

<https://docs.google.com/forms/d/e/1FAIpQLSfs5IzTlirjDzoX8iQTMRyHLG8Nt2p0UQY-isvTYtPevbtnCQ/viewform>

Google form link of diploma

<https://docs.google.com/forms/d/e/1FAIpQLSddJbry0UGf-L7aQrUhIYk8JUkqZHFBHCyTUVuuZI-4sR8MTQ/viewform>

**implentation of any 50 numpy methods or attribute codes in jupyter notebook**

<https://numpy.org/doc/stable/user/quickstart.html>

<https://www.machinelearningplus.com/python/101-numpy-exercises-py>

**Sir Nasir Google Drive link for Q2 AIC Recoding**

<https://drive.google.com/drive/u/0/folders/1U8yn62rhHYW8q8Xr9pqTLjaWhNIJvexI?fbclid=IwAR3Nn_ivDR6IY6dCKpa8T15qMk69FybS0Dio7WSgcQn7ZKc0muaUH7DtpYM>

<https://drive.google.com/drive/u/0/folders/1U8yn62rhHYW8q8Xr9pqTLjaWhNIJvexI?fbclid=IwAR0EGu9zQz_c0IMKxIlwfS4IDKH_BjY-XDBma5_bbV_aWNIhkXji28kd_FU>

**Study link of sir Nasir**

<https://machinelearningmastery.com/how-to-load-and-manipulate-images-for-deep-learning-in-python-with-pil-pillow/>

https://www.geeksforgeeks.org/how-to-convert-images-to-numpy-array/

**piaic Slack link**

[**https://app.slack.com/client/THSMB9AQ4/C01GMHMBRFH**](https://app.slack.com/client/THSMB9AQ4/C01GMHMBRFH)

**https://piaic-aic.slack.com/archives/C01GMHMBRFH**

**SIR Anees ahmad for recoded class**

[**https://drive.google.com/drive/folders/1WMD-TR7Dv5We4lWn\_JZGv\_abFcaz4EAp**](https://drive.google.com/drive/folders/1WMD-TR7Dv5We4lWn_JZGv_abFcaz4EAp)

[**https://github.com/piaic-official/AI-Q2-learning-resources/blob/master/Pandas\_Learning\_Resources.md**](https://github.com/piaic-official/AI-Q2-learning-resources/blob/master/Pandas_Learning_Resources.md)

**Sir Anees**

**https://github.com/aneesahmed/piaic-datascience-teaching/blob/master/data\_analysis\_with\_pandas\_1\_Series.ipynb https://github.com/aneesahmed/piaic-datascience-teaching/blob/master/data\_analysis\_with\_pandas\_1\_DataFrame.ipynb https://github.com/aneesahmed/piaic-datascience-teaching/blob/master/data\_analysis\_with\_pandas\_2.ipynb https://github.com/aneesahmed/piaic-datascience-teaching/blob/master/datasets.zip https://github.com/aneesahmed/piaic-datascience-teaching/blob/master/examples.zip (Zip files should be unzip to create subfolders. otherwise codes of pandas 2 might fail)https://github.com/aneesahmed/piaic-datascience-teaching/blob/master/mydata.h5 https://github.com/aneesahmed/piaic-datascience-teaching/blob/master/mydata.sqlitehttps://github.com/aneesahmed/piaic-datascience-teaching/blob/master/data\_analysis\_with\_pandas\_3.ipynb https://github.com/aneesahmed/piaic-datascience-teaching/blob/master/data\_analysis\_with\_pandas\_4.ipynb**

**Just for Reading ():**

**https://towardsdatascience.com/data-handling-u**

**for whatsup**

**Muhammad Asadullah : +923172613220**

#### Attention PIAIC Batch 4-35 Quarter 2 AIC

#### NumPy Basics Quiz has been scheduled on Jan 22 & 23, 2021.

#### Quiz Content : NumPy Basics Chapter 4 and [www.numpy.org](http://www.numpy.org/?fbclid=IwAR0JLY0sLQVXBdUzA3Tam-hxYkqvzCA08Rr-18BsUJ8veY6fTGHRp7ZWpFs)

NumPy Basics Chapter 4 and Appendix A Section a2 of Python for Data Analysis by Wes McKinney 2 nd Edition

[https://www.amazon.com/Python-Data-Analysis-Wrangling-IPython/dp/1491957662](https://www.amazon.com/Python-Data-Analysis-Wrangling-IPython/dp/1491957662?fbclid=IwAR2Vd1KdtQs3Flu00qe1frfLev9PkFUEqUYfB3jgDFjWwtrWLvqilGDwPEY)

[https://www.oreilly.com/library/view/python-for-data/9781491957653/](https://www.oreilly.com/library/view/python-for-data/9781491957653/?fbclid=IwAR2oGzkoJ3AV91r_1gpQQzsuu8eTAaUStqsil8lWUZHivLIcHF1-5H2k9iE)

[https://www.ebooks.com/en-us/book/95871448/python-for-data-analysis/wes-mckinney/](https://www.ebooks.com/en-us/book/95871448/python-for-data-analysis/wes-mckinney/?fbclid=IwAR01chzxp0LHXjC72zQGG2OnQe2yfv2VCTDFjIS0LwggJDYGUbAFe0TTOKY)

* **Sir Qasim**

**https://github.com/EnggQasim/Batch04\_to\_35/tree/main/Saturday/pandas**