1. "Introduction to Logistic Regression - Towards Data Science" https://towardsdatascience.com/introduction-to-logistic-regression-66248243c148
2. [**Machine Learning — Multiclass Classification with Imbalanced Dataset**](https://towardsdatascience.com/machine-learning-multiclass-classification-with-imbalanced-data-set-29f6a177c1a)

[https://towardsdatascience.com/machine-learning-multiclass-classification-with-imbalanced-data-set-29f6a177c1a#:~:text=Multiclass Classification: A classification task,oranges, apples, or pears.&text=Most classification data sets do,difference often does not matter](https://towardsdatascience.com/machine-learning-multiclass-classification-with-imbalanced-data-set-29f6a177c1a" \l ":~:text=Multiclass Classification%3A A classification task,oranges%2C apples%2C or pears.&text=Most classification data sets do,difference often does not matter).

1. [**Machine Learning for Everyone**](https://vas3k.com/blog/machine_learning/):- https://vas3k.com/blog/machine\_learning/
2. [**Jupyter Notebook Keyboard Shortcuts**](https://cheatography.com/weidadeyue/cheat-sheets/jupyter-notebook/):- https://cheatography.com/weidadeyue/cheat-sheets/jupyter-notebook/
3. [**Jupyter Notebook is not opening in any destination issue solved ! :)**](https://community.letsupgrade.in/post/jupyter-notebook-is-not-opening-in-any-destination-issue-solved-5f08bb327bcd8c71c01070b9):- https://community.letsupgrade.in/post/jupyter-notebook-is-not-opening-in-any-destination-issue-solved-5f08bb327bcd8c71c01070b9
4. [**Python | Removing unwanted characters from string – GeeksforGeeks**](https://www.google.com/amp/s/www.geeksforgeeks.org/python-removing-unwanted-characters-from-string/amp/):-<https://www.google.com/amp/s/www.geeksforgeeks.org/python-removing-unwanted-characters-from-string/amp/>
5. [**A small tutorial on Python Data Type Conversion**](https://community.letsupgrade.in/post/a-small-tutorial-on-python-data-type-conversion-5f0b32c768bb8a0b2d9cf34e):- https://community.letsupgrade.in/post/a-small-tutorial-on-python-data-type-conversion-5f0b32c768bb8a0b2d9cf34e
6. [**What Is a DJVU File?**](https://www.lifewire.com/djvu-file-2620674):- https://www.lifewire.com/djvu-file-2620674
7. [**Adding Autocomplete Feature to Jupyter Notebook | How to install nbextensions Using Pip**](https://www.youtube.com/watch?v=09NhhScYNoQ) :- https://www.youtube.com/watch?v=09NhhScYNoQ
8. [**deeplearning-models**](https://github.com/rasbt/deeplearning-models):- https://github.com/rasbt/deeplearning-models
9. [**101 Numpy Exercises for Data Analysis**](https://www.machinelearningplus.com/python/101-numpy-exercises-python/):- https://www.machinelearningplus.com/python/101-numpy-exercises-python/
10. [**pyforest**](https://github.com/8080labs/pyforest):- https://github.com/8080labs/pyforest
11. This is a drive folder of some free ebooks by springer for mathematics and statistics that is used in AI/ML/DL/DS: <https://drive.google.com/drive/folders/1rDJvZsz8EEuVVgZ43pwSvFRRKUo2TIIY>
12. [**Advice for Beginners in ML and Data Science**](https://www.reddit.com/r/learnmachinelearning/comments/gc5z6b/advice_for_beginners_in_ml_and_data_science/?utm_source=share&utm_medium=web2x)**:-** https://www.reddit.com/r/learnmachinelearning/comments/gc5z6b/advice\_for\_beginners\_in\_ml\_and\_data\_science/?utm\_source=share&utm\_medium=web2x
13. [**Python Statistics Fundamentals: How to Describe Your Data – Real Python**](https://realpython.com/python-statistics/)**:-** [Realpython.com/python-statistics](http://realpython.com/python-statistics)
14. [**Pandas Cheat Sheet.docx**](https://drive.google.com/file/d/1e3YRGXJBSqK9t4U05zKdaZq1BSCa5vP9/view?usp=drivesdk)**:-** https://drive.google.com/file/d/1e3YRGXJBSqK9t4U05zKdaZq1BSCa5vP9/view?usp=drivesdk
15. https://www.unlockanalytics.com/2019/08/05/statistics-for-hr-exploratory-data-analysis/
16. [**Hypothesis Testing - Statistics How To**](https://www.statisticshowto.com/probability-and-statistics/hypothesis-testing/)**:-** https://www.statisticshowto.com/probability-and-statistics/hypothesis-testing/
17. [**How to Calculate Correlation Between Variables in Python - Machine Learning Mastery**](https://machinelearningmastery.com/how-to-use-correlation-to-understand-the-relationship-between-variables/)**:-** [https://machinelearningmastery.com/how-to-use-correlation-to-understand-the-relationship-between-variables/#:~:text=The Pearson's correlation coefficient is,to give an interpretable score](https://machinelearningmastery.com/how-to-use-correlation-to-understand-the-relationship-between-variables/" \l ":~:text=The Pearson's correlation coefficient is,to give an interpretable score).
18. [**NumPy, SciPy, and Pandas: Correlation With Python – Real Python**](https://realpython.com/numpy-scipy-pandas-correlation-python/)**:-** [https://realpython.com/numpy-scipy-pandas-correlation-python/#:~:text=Correlation coefficients quantify the association,comprehensive, and well-documented](https://realpython.com/numpy-scipy-pandas-correlation-python/" \l ":~:text=Correlation coefficients quantify the association,comprehensive%2C and well-documented)
19. [**Point Biserial Correlation with Python**](https://towardsdatascience.com/point-biserial-correlation-with-python-f7cd591bd3b1):- https://towardsdatascience.com/point-biserial-correlation-with-python-f7cd591bd3b1
20. [**Null Hypothesis Definition and Examples, How to State - Statistics How To**](https://www.statisticshowto.com/probability-and-statistics/null-hypothesis/):- https://www.statisticshowto.com/probability-and-statistics/null-hypothesis/
21. [**The correlation coefficient: Its values range between +1/−1, or**](https://link.springer.com/article/10.1057/jt.2009.5):- https://link.springer.com/article/10.1057/jt.2009.5
22. Parametric Statistics, Tests and Data - Statistics How To:- https://www.statisticshowto.com/parametric-statistics/
23. [**Wilcoxon Sign-Ranked Test**](https://pythonfordatascienceorg.wordpress.com/wilcoxon-sign-ranked-test-python/)**:-** **https://pythonfordatascienceorg.wordpress.com/wilcoxon-sign-ranked-test-python/**
24. [**Data: Continuous vs. Categorical**](https://eagereyes.org/basics/data-continuous-vs-categorical)**:-** **https://eagereyes.org/basics/data-continuous-vs-categorical**
25. [**Eta Squared / Partial Eta Squared - Statistics How To**](https://www.statisticshowto.com/eta-squared/)**:-** **[https://www.statisticshowto.com/eta-squared/#:~:text=The%20formula%20is%3A,interactions%20in%20the%20ANOVA%20study](https://www.statisticshowto.com/eta-squared/" \l ":~:text=The formula is%3A,interactions in the ANOVA study)**
26. **Statistical functions (scipy.stats) — SciPy v1.5.1 Reference Guide:-** **https://docs.scipy.org/doc/scipy/reference/stats.html**
27. [**Better Heatmaps and Correlation Matrix Plots in Python**](https://towardsdatascience.com/better-heatmaps-and-correlation-matrix-plots-in-python-41445d0f2bec)**:-** https://towardsdatascience.com/better-heatmaps-and-correlation-matrix-plots-in-python-41445d0f2bec
28. [**15 Statistical Hypothesis Tests in Python (Cheat Sheet)**](https://mc.ai/15-statistical-hypothesis-tests-in-python-cheat-sheet/)**:-** https://mc.ai/15-statistical-hypothesis-tests-in-python-cheat-sheet/
29. [**Data Preprocessing: A Practical Guide**](https://medium.com/data-science-everywhere/data-preprocessing-a-practical-guide-1b1ce3e884d8)**:-** **https://medium.com/data-science-everywhere/data-preprocessing-a-practical-guide-1b1ce3e884d8**
30. **This repository on ML operations has free talks, books, papers and more: :-** **http://bit.ly/MLops**
31. **explaining basic algorithms used in Machine Learning :-** **https://github.com/JagdishChavan081/Machine\_Learning.git**
32. **UCI Machine Learning Repository: Data Sets:-** **https://archive.ics.uci.edu/ml/datasets.php**
33. [**Learning Data Science (4 Untold Truths)**](https://data36.com/learning-data-science/)**:-** https://data36.com/learning-data-science/
34. **A visual introduction to probability and statistics.:-** **https://seeing-theory.brown.edu/index.html**
35. [**A Beginner’s Guide to Linear Regression in Python with Scikit-Learn – Kdnuggets**](https://www.kdnuggets.com/2019/03/beginners-guide-linear-regression-python-scikit-learn.html)**:-** **https://www.kdnuggets.com/2019/03/beginners-guide-linear-regression-python-scikit-learn.html**
36. [**Decision Tree Algorithm, Explained – Kdnuggets**](https://www.kdnuggets.com/2020/01/decision-tree-algorithm-explained.html)**:-** **https://www.kdnuggets.com/2020/01/decision-tree-algorithm-explained.html**
37. [**Understanding Confusion Matrix**](https://towardsdatascience.com/understanding-confusion-matrix-a9ad42dcfd62)**:-** https://towardsdatascience.com/understanding-confusion-matrix-a9ad42dcfd62
38. [**Sweetviz: Automated EDA in Python**](https://towardsdatascience.com/sweetviz-automated-eda-in-python-a97e4cabacde)**:-** **https://towardsdatascience.com/sweetviz-automated-eda-in-python-a97e4cabacde**
39. [**Step by Step PCA with Iris dataset**](https://www.kaggle.com/shrutimechlearn/step-by-step-pca-with-iris-dataset)**:-** **https://www.kaggle.com/shrutimechlearn/step-by-step-pca-with-iris-dataset**
40. [**Deep-learning-books**](https://github.com/loveunk/Deep-learning-books)**:-** **https://github.com/loveunk/Deep-learning-books**
41. [**Seeing Theory**](https://seeing-theory.brown.edu/)**:-** **https://seeing-theory.brown.edu/**
42. [**Practice Data Science Online | Dphi**](https://dphi.tech/practice/)**:-** **https://dphi.tech/practice/**
43. [**Debugging Cheat Sheet**](https://www.reddit.com/r/Python/comments/iehths/debugging_cheat_sheet/)**:-** https://www.reddit.com/r/Python/comments/iehths/debugging\_cheat\_sheet/?utm\_source=share&utm\_medium=ios\_app&utm\_name=iossmf
44. [**A Comprehensive Guide to Ensemble Learning (with Python codes)**](https://www.analyticsvidhya.com/blog/2018/06/comprehensive-guide-for-ensemble-models/)**:-** **https://www.analyticsvidhya.com/blog/2018/06/comprehensive-guide-for-ensemble-models/**