

Fundamentals of Data Literacy Resources

Day 1

- <https://analytics.usa.gov/state>
- <https://www.testgorilla.com/blog/data-scientist-skills/>
- <https://builtin.com/data-science/data-types-statistics>
- <https://www.python.org/about/>
- <https://www.r-project.org/about.html>
- <https://www.youtube.com/watch?v=tZkILxaANLU>
- <https://www.linkedin.com/in/joylynhopkins/>

Day 2

- <https://www.youtube.com/watch?v=tZkILxaANLU>
- <https://www.import.io/post/how-and-why-to-become-a-data-driven-company>
- <https://hbr.org/2012/10/big-data-the-management-revolution>
- <https://www.youtube.com/watch?v=nd4nb6myTbo&t=3s>
- <https://www.geeksforgeeks.org/difference-between-machine-learning-and-deep-learning/>
- <https://www.knowledgehut.com/blog/data-science/data-science-workflow>
- <https://www.knowledgehut.com/blog/data-science/data-science-websites>
- <https://www.datasciencemadesimple.com/>
- <https://www.kdnuggets.com/>
- <https://medium.com/@anushka.datascoop/101-data-science-cheat-sheets-ml-dl-scrapin-g-python-r-sql-maths-statistics-ef30b4d786eb>
- <https://github.com/aaronwangy/Data-Science-Cheatsheet>
- <https://pandas.pydata.org/>
- <https://scikit-learn.org/stable/index.html>
- <https://www.datascienceglossary.org/>

Day 3

- <https://www.youtube.com/watch?v=6hfOvs8pY1k>
- <https://www.geeksforgeeks.org/supervised-unsupervised-learning/>
- <http://vision.stanford.edu/aditya86/ImageNetDogs/>
- <https://www.geeksforgeeks.org/ml-classification-vs-regression/>
- <https://www.linkedin.com/pulse/20140616204813-2554671-lessons-from-target-s-pregnancy-prediction-pr-fiasco/>
- <https://www.kdnuggets.com/2020/05/guide-choose-right-machine-learning-algorithm.html>
- <https://www.geeksforgeeks.org/choosing-a-suitable-machine-learning-algorithm/>

- <https://policy-practice.oxfam.org/resources/understanding-networks-the-application-of-social-network-analysis-methodology-i-620117/>
- <https://towardsdatascience.com/the-ethics-of-data-science-55bcba9b4ecb>
- <https://www.freecodecamp.org/news/the-ethics-of-data-science/>
- <https://www.shiftparadigm.com/insights/four-principles-of-ethical-data-use/>
- <https://resources.data.gov/assets/documents/fds-data-ethics-framework.pdf>
- <https://www.youtube.com/watch?v=mA4gypAiRYU>
- <https://www.mckinsey.com/capabilities/mckinsey-digital/our-insights/tech-forward/ethical-data-usage-in-an-era-of-digital-technology-and-regulation>
- <https://www.analyticsvidhya.com/blog/2022/02/ethics-in-data-science-and-proper-privacy-and-usage-of-data/>
- <https://www.loyola.edu/academics/data-science/blog/2018/why-ethics-are-important-in-data-science.html>
- <https://datascience.stanford.edu/research/research-areas/ethics-and-data-science>
- <https://www.dataversity.net/what-are-data-ethics/#>
- <https://www.cognizant.com/us/en/glossary/data-ethics#:~:text=Data%20ethics%20is%20a%20branch,adversely%20impact%20people%20and%20society.>

Day 4

- <https://quickdraw.withgoogle.com/>
- <https://www.datavisualizationsociety.org/resources>
- <https://www.youtube.com/watch?v=R9OHn5ZF4Uo>
- <https://www.youtube.com/watch?v=Hy2AYb1YFx8>
- <https://www.edwardtufte.com/>
- <https://www.data-to-viz.com/caveat/pie.html>
- <https://towardsdatascience.com/data-visualization-101-how-to-choose-a-chart-type-9b8830e558d6>
- <https://www.youtube.com/watch?v=jbkSRLYSojo>
- <https://towardsdatascience.com/the-case-against-the-pie-chart-43f4c3fccc6>
- <https://tylervigen.com/spurious-correlations>