

## reference.resources.cosc.526

|                                      |   |             |
|--------------------------------------|---|-------------|
| a. = article (news, journal)         | c. = cheatsheet<br>code. = .py or .ipynb    | g = graphic |
| howTo. = <a href="#">explanandum</a> | py.M. exercise or assignment<br>python file | r = reading |

| Media  | Purpose                                     | Links  |
|--|---|--|
| <a href="#">Delen Dursun, Predictive Analytics</a> | excellent summary of data mining activities | <a href="https://colab.research.google.com/drive/1mk_4sVt1BwH-4iiYGRoiweA7bdDs4sMS?usp=sharing">https://colab.research.google.com/drive/1mk_4sVt1BwH-4iiYGRoiweA7bdDs4sMS?usp=sharing</a><br>> subscribe and 1 free download |
|  |   |  |

- A. Leskovec, J., Rajaraman, A., & Ullmann, J. D. (2020). [Mining of massive datasets](#) (3rd ed.). Cambridge University Press.
- B. Vanderplas, Jake, 2016, Python data science handbook:, [1st ed.](#), O'Reilly, 2016
  - a. <https://jakevdp.github.io/PythonDataScienceHandbook/00.00-preface.html>
  - b. Chapters 2, 3, 4
- C. Vanderplas, Jake, 2023, Python data science handbook:, [2nd edition](#) O'Reilly, 2023
- D. Use the following table for additional Python reference and training

| Additional core Python                          |                            | Additional software training                      |                                     |
|---|----------------------------|---|-------------------------------------|
| <a href="#">r.py.standard.library</a>           | Python documentation       | <a href="#">cornell.intro.to.python</a>           | cornell python training             |
| <a href="#">PyPI · The Python Package Index</a> | Python library index       | <a href="#">pyu.PyMan.0.9.31</a>                  | New York University Python training |
| <a href="#">Jupyter Community Forum</a>         | Search for tips and tricks | <a href="#">Get started with Jupyter Notebook</a> | Notebooks training                  |

## 7. Software and scientific installation

The Anaconda platform is highly engineered and automatically fixes many common Python installation issues. Select your operating system and run the defaults.

<https://docs.anaconda.com/anaconda/install/windows>

<https://docs.anaconda.com/anaconda/install/mac-os/>

<https://docs.anaconda.com/anaconda/install/linux/>