

# Data Mining I (D209) – Resource Library

## Cheat Sheets

[DataCamp \(n.d.\) Python for data science cheat sheet. DataCamp.](#)

[R Studio \(n.d.\) RStudio cheatsheets. R Studio.](#)

## Books

[BRUCE, P. A. \(2020\). Practical statistics for data scientists. 50+ essential concepts using r and python. O'Reilly Media, Incorporated. Retrieved from WGU Library.](#)

[Larose, C. D., & Larose, D. T. \(2019\). \*Data science using Python and R\*. Chichester, NJ: Wiley Blackwell.](#)

## Websites

[Information Builders. \(n.d.\). Welcome to the WebFOCUS release 8 technical library.](#)

[Navlani, A. \(2018, December 4\). Naive Bayes classification using Scikit-learn. DataCamp.](#)

[STHDA. \(n.d.\). Factoextra R Package: Easy multivariate data analyses and elegant visualization.](#)

## Videos

[Jedamski, D. \(2019\). Applied machine learning: algorithms. LinkedIn Learning.](#)

[Kolalapudi, S. \(2017\). Classification using tree based models. PluralSight.](#)

[Poulson, B. \(2020\). R essential training part 2: modeling data. LinkedIn Learning.](#)

[Pierson, L. \(2019\). Python for data science essential training part 2. LinkedIn Learning.](#)

## Data Preparation

Often with data mining/machine learning models, it is important to do various preprocessing of data (missing data, standardizations, PCA, binding, one-hot encoding, etc.). Many of these techniques you have seen in previous classes. Here are some additional resources you might find beneficial in prepping your data to analyze for this course.

[Bowne-Anderson, H. \(2016\). Preprocessing in Data Science \(Part 1\): Centering, Scaling, and KNN. DataCamp.](#)

[Bowne-Anderson, H. \(2016\). Preprocessing in Data Science \(Part 2\): Centering, Scaling and Logistic Regression. DataCamp.](#)

[Bowne-Anderson, H. \(2016\). Preprocessing in Data Science \(Part 3\): Scaling Synthesized Data. DataCamp.](#)

[Brownlee, J. \(2016\). Get your data ready for machine learning in R with pre-processing. Machine Learning Mastery.](#)

[Kumar, D. \(2018\). Introduction to data preprocessing in machine learning. Towards Data Science.](#)

[Shimanto, H. \(n.d.\). Data preprocessing: Getting started with machine learning.](#)

[Analytics India Mag \(2019\). Data preprocessing with R: Hands-on tutorial. Analytics India Magazine.](#)