The Elements of Statistical Learning: Data Mining, Inference, and Prediction
Trevor Hastie, Robert Tibshirani, Jerome Friedman
(A rather heavily mathematical treatment, but well written)
http://www.web.stanford.edu/~hastie/ElemStatLearn/

The Mathematics of Machine Learning
Garrett Thomas
(47 page guide to some mathematics background)
https://gwthomas.github.io/docs/math4ml.pdf

A Comprehensive Guide to Machine Learning
Soroush Nasiriany, Garrett Thomas, William Wang, Alex Yang
(185 page guide)
https://www.eecs189.org/static/resources/comprehensive-guide.pdf

Probability Cheatsheet
(10 page cheat sheet with distributions, etc)
https://st3.ning.com/topology/rest/1.0/file/get/1021027902

Mathematics/Probability/Statistics

MIT Open Courseware Introduction to Probability
https://ocw.mit.edu/resources/res-6-012-introduction-to-probability-spring-2018/

Bayes Theorem
https://www.mathsisfun.com/data/bayes-theorem.html
https://www.statisticshowto.com/bayes-theorem-problems/
https://towardsdatascience.com/bayes-theorem-101-example-solution-ff54147d6c7f
https://betterexplained.com/articles/an-intuitive-and-short-explanation-of-bayes-theorem/
https://towardsdatascience.com/bayes-rule-with-a-simple-and-practical-example-2bce3d0f4ad0

Twitter accounts related to data science that I follow:

@BecomingDataSci (Data Science Renee)
@rasbt (Sebastian Raschka)
@KirkDBorne (Kirk Borne, Principal DS at Booz Allen Hamilton)
@chrisalbon (Chris Albon, has created MachineLearningFlashcards.com)
@dataandme (Mara Averick, more of an R advocate)
@JanelleCShane (Janelle Shane, because she talks about funny/weird applications/outcomes
of Artificial Intelligence and has the website aiweirdness.com)

Websites advertising/hosting Machine Learning competitions:

Kaggle   https://www.kaggle.com/
Zindi   https://zindi.africa/
DrivanData   https://www.drivendata.org/
Open Data Science https://ods.ai/

Extra Resources (beyond Unit 2 material)

Backpropagation in Neural Networks: Process, Example & Code   (Note: We won't be talking about Neural Networks in this machine learning course.)

Apache Spark™ - Unified Analytics Engine for Big Data   (We won't be talking about Spark in this machine learning course, but Spark is a tool for helping to analyze large data sets in a distributed computing environment.)