

Data Science (CMP3036M)

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@book{Abu-Mostafa_Magdon-Ismail_Lin_2012, address={United States},
title={Learning from data: a short course}, publisher={AMLBook.com},
author={Abu-Mostafa, Yaser S. and Magdon-Ismail, Malik and Lin, Hsuan-Tien},
year={2012} }
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@book{Barber_2012, address={Cambridge}, title={Bayesian reasoning and machine
learning}, publisher={Cambridge University Press}, author={Barber, David},
year={2012} }
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@book{Bishop_2006, address={Oxford}, title={Pattern recognition and machine
learning}, volume={Information science and statistics}, publisher={Springer},
author={Bishop, C. M.}, year={2006} }
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@book{Casella_Berger_2017, address={Delhi}, edition={Second edition},
title={Statistical inference}, volume={The Duxbury advanced series in statistics and
decision sciences}, publisher={Cengage Learning}, author={Casella, George and Berger,
Roger L.}, year={2017} }
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@book{Goodfellow_Bengio_Courville_2016, address={Cambridge, Massachusetts},
title={Deep learning}, volume={Adaptive computation and machine learning},
publisher={The MIT Press}, author={Goodfellow, Ian and Bengio, Yoshua and Courville,
Aaron}, year={2016} }
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@book{Grimmett_Stirzaker_2001, address={Oxford}, edition={Third edition},
title={Probability and random processes}, publisher={Oxford University Press},
author={Grimmett, Geoffrey and Stirzaker, David}, year={2001} }
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@book{Harrington_2012, address={Shelter Island, N.Y.}, title={Machine learning in
action}, publisher={Manning Publications}, author={Harrington, Peter}, year={2012} }
@book{Hastie_Tibshirani_Friedman_2001, address={New York}, title={The elements of
statistical learning: data mining, inference, and prediction : with 200 full-color
illustrations}, volume={Springer series in statistics}, publisher={Springer},
author={Hastie, Trevor and Tibshirani, Robert and Friedman, J. H.}, year={2001} }
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@book{Hastie_Tibshirani_Friedman_2009, address={New York}, edition={2nd ed},
title={The elements of statistical learning: data mining, inference, and prediction},
volume={Springer series in statistics}, publisher={Springer}, author={Hastie, Trevor and
Tibshirani, Robert and Friedman, J. H.}, year={2009} }
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@book{Kabacoff_2015, address={Shelter Island, NY}, edition={Second edition}, title={R
in action: data analysis and graphics with R}, publisher={Manning}, author={Kabacoff,
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Robert}, year={2015} }

@book{Karau_Konwinski_Wendell_Zaharia_2013, address={Sebastopol, CA}, title={Learning Spark: lightning-fast big data analytics}, url={<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9781449359065>}, publisher={O'Reilly}, author={Karau, Holden and Konwinski, Andy and Wendell, Patrick and Zaharia, Matei}, year={2013} }

@book{Kiusalaas_2016, address={Cambridge}, edition={Third edition}, title={Numerical methods in engineering with MATLAB}, publisher={Cambridge University Press}, author={Kiusalaas, Jaan}, year={2016} }

@book{Lantz_2013, address={Birmingham}, title={Machine learning with R: learn how to use R to apply powerful machine learning methods and gain an insight into real-world applications}, url={<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9781782162155>}, publisher={Packt Publishing Limited}, author={Lantz, Brett}, year={2013} }

@book{Martinez_Martinez_2016, address={Boca Raton}, edition={Third edition}, title={Computational statistics handbook with MATLAB}, volume={Chapman&Hall/CRC computer science and data analysis series}, publisher={Chapman & Hall/CRC}, author={Martinez, Wendy L. and Martinez, Angel R.}, year={2016} }

@book{McKinney_2013, address={Farnham}, title={Python for data analysis}, url={<http://proxy.library.lincoln.ac.uk/login?url=http://www.dawsonera.com/depp/reader/proTECTED/external/AbstractView/S9781449323622>}, publisher={O'Reilly}, author={McKinney, Wes}, year={2013} }

@book{Mood_Graybill_Boes_1974, address={[Auckland?]}, edition={Third edition}, title={Introduction to the theory of statistics}, volume={McGraw-Hill series in probability and statistics}, publisher={McGraw-Hill Book Company}, author={Mood, Alexander McFarlane and Graybill, Franklin A. and Boes, Duane C.}, year={1974} }

@book{Murphy_2012, address={Cambridge, Mass}, title={Machine learning: a probabilistic perspective}, volume={Adaptive computation and machine learning}, publisher={MIT Press}, author={Murphy, Kevin P.}, year={2012} }

@book{Peng_2016, address={Morrisville}, title={R Programming for Data Science}, publisher={Lulu.com}, author={Peng, Roger}, year={2016} }

@book{Raschka_2015, address={Birmingham}, title={Python machine learning: unlock deeper insights into machine learning with this vital guide to cutting-edge predictive analytics}, volume={Community experience distilled}, publisher={Packt Publishing}, author={Raschka, Sebastian}, year={2015} }

@book{Sarkar_2008, address={New York}, title={Lattice: multivariate data visualization with R}, volume={Use R!}, url={<https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=9780387759692>}, publisher={Springer}, author={Sarkar, Deepayan}, year={2008} }

@book{Wickham_2009, address={New York}, title={ggplot2: elegant graphics for data

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analysis}, volume={Use R!},  
url={https://www.vlebooks.com/vleweb/product/openreader?id=UniLincoln&isbn=978038  
7981413}, publisher={Springer}, author={Wickham, Hadley}, year={2009} }
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@book{Wickham_2014a, address={Boca Raton, FL}, title={Advanced R},  
volume={Chapman&Hall/CRC the R series}, publisher={Chapman & Hall/CRC},  
author={Wickham, Hadley}, year={2014} }
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@book{Wickham_2014b, address={Boca Raton, FL}, title={Advanced R},  
volume={Chapman&Hall/CRC the R series}, publisher={Chapman & Hall/CRC},  
author={Wickham, Hadley}, year={2014} }
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@book{Wickham_2015, address={Sebastopol, California}, title={R packages},  
publisher={O'Reilly Media}, author={Wickham, Hadley}, year={2015} }
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@book{Zumel_Mount_2014, address={Shelter Island, New York}, title={Practical data  
science with R}, publisher={Manning}, author={Zumel, Nina and Mount, John},  
year={2014} }
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@book{Nolan_Lang_2015, address={Boca Raton, FL}, title={Data science in R: a case  
studies approach to computational reasoning and problem solving},  
volume={Chapman&Hall/CRC the R series}, publisher={Chapman & Hall/CRC},  
year={2015} }
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@misc{Kevin Sheppard - Lecture Notes,  
url={https://www.kevinshppard.com/Main_Page} }
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```
@misc{Source Code for the book: Machine Learning in Action published by Manning,  
url={https://github.com/pbharrin/machinelearninginaction} }
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