

Machine Learning Guidelines							
S.no.							
1	Basic definitions	Reference [2], Chapter 1, page 1-5					
2	Hypothesis space and inductive bias	Reference [2], Chapter 2, section 2.1 - 2.4					
3	Bayes optimal classifier and Bayes error, Naive Bayes classifier	Reference [2], Chapter 6, section 6.1, 6.2, 6.7, 6.9					
4	Curse of dimensionality, dimensionality reduction, feature scaling, feature selection methods	Reference[3] Page 33-35 Reference [1], Chapter 10,					
5	Linear regression with one variable, linear regression with multiple variables	Reference [1], Chapter 7, page 194-205					
6	Gradient Descent	https://medium.com/analytics-vidhya/linear-regression-with-gradient-descent-derivation-c10685ddf0f4					

[illegible]

		1. https://towardsdatascience.com/introduction-to-logistic-regression-66248243c148 2. https://medium.com/@shiny_jay/ml-regularization-79a081666fbc 3. https://medium.com/@qempsil0914/courseras-machine-learning-notes-week3-overfitting-and-regularization-partii-3e3f3f36a287					
7	logistic regression, over-fitting, regularization. performance evaluation metrics, validation methods						
8	Decision trees	Reference [2], Chapter 8, page 52 - 60, 63 - 66					
9	k-nearest neighbor classifier	Reference [2], Chapter 8, page 231-233					
10	perceptron, multilayer perceptron, neural networks, back-propagation algorithm	Reference [2], Chapter 4, page 81-99					

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