Relevant Chapters from the book Machine Learning: A Probabilistic Perspective, by Kevin Murphy

Topic	Chapters	Pages	YouTube Videos
Probability	2	27-59	
Bayesian	3	65-87	Video 1:
Models			https://youtu.be/dUhTnodXOQY?list=PLA7cOsDoQDVqOTn Ci-
			mpdrRoinOklU9r
			Video 2:
			https://youtu.be/Sg5RrIdTcwA?list=PLA7cOsDoQDVqOTn Ci-
			mpdrRoinOklU9r
			Video 3:
			https://youtu.be/rPdP2dP0cBc?list=PLA7cOsDoQDVqOTn Ci-
			mpdrRoinOklU9r
Conditional	7, 8, 9	217-238,	Video 1:
Models		245-260,	https://youtu.be/iGIBQA31yj4?list=PLA7cOsDoQDVqOTn Ci-
		281-293	mpdrRoinOklU9r
			Video 2.
			Video 2:
			https://youtu.be/7bltTozTWBg?list=PLA7cOsDoQDVqOTn_Ci-
			mpdrRoinOklU9r
Gaussian	15	515-528	Video 1:
Process		313 320	https://youtu.be/AXLmWQr91qE?list=PLA7cOsDoQDVqOTn Ci-
1100033			mpdrRoinOklU9r
			Inparticular de la constant de la co
			Video 2:
			https://youtu.be/gtuSXIpKWNQ?list=PLA7cOsDoQDVqOTn Ci-
			mpdrRoinOklU9r
			Video 3: https://youtu.be/Q-
			mihe2jc84?list=PLA7cOsDoQDVqOTn Ci-mpdrRoinOklU9r
Latent Variable	11	337-373	Video 1:
Models and			https://youtu.be/oYMoamboWgE?list=PLA7cOsDoQDVqOTn_Ci-
Expectation			mpdrRoinOklU9r
Maximization			Video 3:
Algorithm			Video 2:
			https://youtu.be/jjt_s5g3er4?list=PLA7cOsDoQDVqOTn_Ci-
			mpdrRoinOklU9r
			Video 3:
			https://youtu.be/fop1v6J_tbU?list=PLA7cOsDoQDVqOTn_Ci-
			mpdrRoinOklU9r
			Video 4:
			https://youtu.be/SD5TCkc84ow?list=PLA7cOsDoQDVqOTn Ci-
			mpdrRoinOklU9r

Variational Inferencing	21	731-750	Video 1: https://youtu.be/5gWLOVwEk A?list=PLA7cOsDoQDVqOTn Ci-mpdrRoinOklU9r Video 2: https://youtu.be/VrlKlrLSXO4?list=PLA7cOsDoQDVqOTn Ci-mpdrRoinOklU9r
			Video 3: https://youtu.be/0H5ipDw6xx8?list=PLA7cOsDoQDVqOTn_Ci-mpdrRoinOklU9r
Monte Carlo Inference-I	23	815-834	https://youtu.be/JW7XJ3h_AVQ
Markov Chain Monte Carlo-II	24	837-862	https://youtu.be/AyChjsvkLbA https://youtu.be/YhKAeSMJgKQ
Probabilistic Topic Models and LDA	27	950-960	https://youtu.be/SyPVH8stTiU https://youtu.be/ThKXU3q5mhg https://youtu.be/oWw4k3cjQk4 https://youtu.be/7XoZ1Gt-zgE https://youtu.be/su0t-FEOTIc
Probabilistic Graphical Models	10 19 20	307-328 661-674 707-727	https://youtu.be/sqKha7zs Cw https://youtu.be/tqXYTNtSyjg https://youtu.be/tD-Eja3oNYY https://youtu.be/ZbUk-RaoUb0 https://youtu.be/5ANwvKZQpr4 https://youtu.be/BdgsiMnh2Is https://youtu.be/ysMR3-aMOm0
Bayesian Deep Learning			https://youtu.be/vUCWfG03m4Y