



21	03/09/2021	Matrix Decomposition and Latent Semantic Indexing	<a href="https://drive.google.com/file/d/10RYYSiJD9Xl_tAMT1mQIDByJxXt9RW6/view?usp=sharing">https://drive.google.com/file/d/10RYYSiJD9Xl_tAMT1mQIDByJxXt9RW6/view?usp=sharing</a>	50	<a href="https://www.cs.cmu.edu/~venkatg/teaching/CStheory-infoage/book-chapter-4.pdf">https://www.cs.cmu.edu/~venkatg/teaching/CStheory-infoage/book-chapter-4.pdf</a>	
22	07/09/2021	Summary LSI, Introduction to Clustering, Flat and Hierarchical Clustering	<a href="https://drive.google.com/file/d/1XznHB8SZA-LF4QKuOR63BSNI57z40ZYy/view?usp=sharing">https://drive.google.com/file/d/1XznHB8SZA-LF4QKuOR63BSNI57z40ZYy/view?usp=sharing</a>	56	Chapter 18 : IIR, Chapter 5 : GM, Chapter 15 : IIR	<a href="https://drive.google.com/file/d/15vQukhfMhYtvWljP68LcwellFq_ydqrOR/view?usp=sharing">https://drive.google.com/file/d/15vQukhfMhYtvWljP68LcwellFq_ydqrOR/view?usp=sharing</a>
23	08/09/2021	Hierarchical Clustering: HAC	<a href="https://drive.google.com/file/d/1CITPv0Kby1qU-XDXx0urbKfzLkQL6Ao/view?usp=sharing">https://drive.google.com/file/d/1CITPv0Kby1qU-XDXx0urbKfzLkQL6Ao/view?usp=sharing</a>	45	Chapter 16, 17 : IIR	<a href="https://drive.google.com/file/d/1DlyRCXP0kLJ2HT4IO_FOIx5t77coe2MG/view?usp=sharing">https://drive.google.com/file/d/1DlyRCXP0kLJ2HT4IO_FOIx5t77coe2MG/view?usp=sharing</a>
24	10/09/2021	Doubt Solving : SVD, Optimization				<a href="https://drive.google.com/file/d/1BGdP8T6UGEtIKBdbt6xfMkBKwIIlB6j/view?usp=sharing">https://drive.google.com/file/d/1BGdP8T6UGEtIKBdbt6xfMkBKwIIlB6j/view?usp=sharing</a>
25	22/09/2021	Vector Space Classification, Support Vector Machine - Introduction, Linearly Separable Case	<a href="https://drive.google.com/file/d/1fr31UMRQZlpM7XcBdwKrdWQYKGYtaNu6/view?usp=sharing">https://drive.google.com/file/d/1fr31UMRQZlpM7XcBdwKrdWQYKGYtaNu6/view?usp=sharing</a>	46	Chapter 15 : IIR	<a href="https://drive.google.com/file/d/1iCevYejTccYS1TIsCNTjzHXDW9fUKH/view?usp=sharing">https://drive.google.com/file/d/1iCevYejTccYS1TIsCNTjzHXDW9fUKH/view?usp=sharing</a>
26	24/09/2021	Support Vector Machine - Distance of a point from a hyperplane, Functional and Geometric Margins	<a href="https://drive.google.com/file/d/1ZAn082VhIfONfxgW1c77xqxfqAQWm/view?usp=sharing">https://drive.google.com/file/d/1ZAn082VhIfONfxgW1c77xqxfqAQWm/view?usp=sharing</a>	43	Chapter 15 : IIR	<a href="https://drive.google.com/file/d/1ZARpanvwHm4dJRAMLzyjBPXZh1GCBjHG/view?usp=sharing">https://drive.google.com/file/d/1ZARpanvwHm4dJRAMLzyjBPXZh1GCBjHG/view?usp=sharing</a>
27	28/09/2021	Support Vector Machine - Quadratic Program, Dual Formulation	<a href="https://drive.google.com/file/d/1tHvxuK_FY97XfNHgmD6KHjvTqoKVZmOv/view?usp=sharing">https://drive.google.com/file/d/1tHvxuK_FY97XfNHgmD6KHjvTqoKVZmOv/view?usp=sharing</a>	51	Chapter 15 : IIR	<a href="https://drive.google.com/file/d/1-NrcJU8-N-DefKCd0kW9ozTxeKEU2k3/view?usp=sharing">https://drive.google.com/file/d/1-NrcJU8-N-DefKCd0kW9ozTxeKEU2k3/view?usp=sharing</a>
28	29/09/2021	Support Vector Machine - Generalized Lagrangian, Dual and Primal Formulations	<a href="https://drive.google.com/file/d/1-N9OGBtiMfryUIfBIPD2gJS8Zoo9AzoqH/view?usp=sharing">https://drive.google.com/file/d/1-N9OGBtiMfryUIfBIPD2gJS8Zoo9AzoqH/view?usp=sharing</a>	52	<a href="https://see.stanford.edu/materials/aimlcs229/cs229-notes3.pdf">https://see.stanford.edu/materials/aimlcs229/cs229-notes3.pdf</a>	<a href="https://drive.google.com/file/d/1Xm2qbnKlKEI9BeSVMtsdZcezwRVNjkkx/view?usp=sharing">https://drive.google.com/file/d/1Xm2qbnKlKEI9BeSVMtsdZcezwRVNjkkx/view?usp=sharing</a>
29	01/10/2021	Support Vector Machine - Kernel Machines				
30		Link Analysis - Stubborn Vectors, Markov Matrices				
31		Link Analysis - Google PageRank and HITS				
32		Link Analysis - Google PageRank, Google Matrix				
33		Concept Lattice - 1				
34		Concept Lattice - 2				
35		Concept Lattice - 3				
36		Concept Lattice - 4				
37		Geometry of Information Retrieval, Quantum mechanical interpretation				
38		Geometry of Information Retrieval, Quantum mechanical interpretation				
39		Geometry of Information Retrieval, Quantum mechanical interpretation				
40		Word/ Document Contextual Embeddings				