Most-to-Most Important Questions (Ch. 1, 2, 3, 4, 7)

Chapter	Question	Years & Exams (with Marks)	
Ch. 1: Introduct	tionDefine Machine Learning; explain types of learni	in \$ (stupten /2025 un SMp a Winted 2024 for Calin Stut)	nmer 2023
Ch. 1: Introduct	tionWell-posed learning problem – Explain features.	Summer 2025 – 4M; Summer 2023 – 7M	
Ch. 1: Introduct	tionssues in Machine Learning.	Winter 2023 – 3M; Summer 2022 – 4M	
Ch. 1: Introduct	tionSupervised vs Unsupervised Learning – Differen	tiaWenter 2023 – 3M; Summer 2021 – 7M	
Ch. 2: Preparin	g to Madele-processing techniques (missing values	s, Sourcootieg 2825 in 7)M; Winter 2023 – 7M; Sur	nmer 2023
Ch. 2: Preparin	g toHarladierlg Outliers – methods.	Summer 2023 – 4M; Winter 2022 – 3M	
Ch. 2: Preparin	g t &Mode hg & Bootstrap sampling.	Summer 2023 – 4M; Winter 2022 – 3M	
Ch. 3: Modelling	g & CEovrálusation Matrix (accuracy, error, precision, rec	:al Çuករកនេរទ20ខ 3Ka គ្ Ma)Winter 2023 – 7M; Win	ter 2024 –
Ch. 3: Modelling	g &KEfvaldu@tioss Validation (with example).	Summer 2025 – 4M; Winter 2023 – 3M; Sum	nmer 2023
Ch. 3: Modelling	g & Ender whithout & Over-fitting (causes, examples, re	n///e/idites:)2023 – 4M; Summer 2022 – 7M	
Ch. 4: Feature	En gieaturie gEngineering: definition and need.	Winter 2024 – 3M; Summer 2025 – 3M	
Ch. 4: Feature I	En gieaturie Selection – Approaches & Importance.	Summer 2023 – 7M; Winter 2023 – 4M	
Ch. 4: Feature	En gloeeviso DA (dimensionality reduction).	Summer 2022 – 7M	
Ch. 7: Supervis	ed KNArninAggorithm, pros/cons, lazy learner concep	st.Winter 2024 – 7M; Summer 2025 – 4M; Win	ter 2023 –
Ch. 7: Supervis	ed Deaision Tree – Algorithm, entropy/information g	ya l/V ,indteer ∄012 4g-&7 M (µ S lognmer 2025 – 7M; Win	ter 2023 –
Ch. 7: Supervis	ed Regreiss jon – Logistic vs Linear regression; Mult	.ip l/ ib inee2002.4 gr els/s jc6summer 2025 – 7M; Win	ter 2023 –