

GATE DA 2025 Weekly Schedule

Week	Topics (Basics + Advanced)	Practice/Focus
Week 1	<div>Mathematics: Basics of Probability (Permutations, Combinations, Axioms), Linear Algebra (Vector Spaces).</div> <div>Programming: Python Basics, Data Structures (Stacks, Queues).</div> <div>Machine Learning: Supervised Learning (Linear, Logistic Regression).</div>	
	<div>Solve basic probability problems and practice Python basics (loops, functions).</div>	
Week 2	<div>Mathematics: Bayes Theorem, Conditional Expectation, Linear Algebra (Orthogonal, Projection, LU Decomposition).</div> <div>Algorithms: Search (Linear, Binary), Sorting (Selection, Bubble, Insertion).</div> <div>Machine Learning: k-Nearest Neighbor, Naïve Bayes, Decision Trees.</div>	
	<div>Solve Probability distributions and Sorting/Searching problems.</div>	
Week 3	<div>Mathematics: Probability Distributions (Binomial, Normal, t-Distribution), Confidence Intervals, Calculus (Taylor Series).</div>	