“You only need 20 questions to master the core ML/AI patterns” — ab to industry experts bhi yahi bol rahe hain!  
  
Why rush through 100+ courses and papers? Save this list of 20 AI/ML essentials — most frequently asked in interviews (2023–2025), including how many times companies repeated them 👇  
  
Python & Data Handling  
  
1. Numpy Basics — [**https://lnkd.in/gkmcV\_UB**](https://lnkd.in/gkmcV_UB) (Amazon ML Intern – asked 3 times, 2024)  
  
2. Pandas Operations — [**https://lnkd.in/g-xGYvmR**](https://lnkd.in/g-xGYvmR) (Flipkart Analytics – asked 2 times, 2023)  
  
3. Data Cleaning & Preprocessing — [**https://lnkd.in/g3jmJ9Hh**](https://lnkd.in/g3jmJ9Hh) (Zomato ML Round – asked 2 times, 2025)  
  
Probability & Statistics  
4. Bayes Theorem Intuition — [**https://lnkd.in/gutmTJrv**](https://lnkd.in/gutmTJrv) (Quantiphi – asked 3 times, 2024)  
5. Hypothesis Testing — A/B Testing — [**https://lnkd.in/gN4ZZYQj**](https://lnkd.in/gN4ZZYQj) (Swiggy Analyst Role – asked 2 times, 2023)  
6. Normal Distribution & CLT — [**https://lnkd.in/g9StvnsW**](https://lnkd.in/g9StvnsW) (Uber DS – asked 3 times, 2024)  
  
Machine Learning Algorithms  
7. Linear Regression (from scratch) — [**https://lnkd.in/gPZjJFQh**](https://lnkd.in/gPZjJFQh) (Uber ML Round – asked 2 times, 2024)  
8. Logistic Regression — [**https://lnkd.in/gfiMiQBm**](https://lnkd.in/gfiMiQBm) (Walmart Labs – asked 2 times, 2023)  
9. Decision Trees — [**https://lnkd.in/geCukpCC**](https://lnkd.in/geCukpCC) (PhonePe ML Round – asked 2 times, 2025)  
10. Random Forests — [**https://lnkd.in/ghaBNux7**](https://lnkd.in/ghaBNux7) (Paytm Analytics – asked 2 times, 2024)  
  
Unsupervised Learning  
11. K-Means Clustering — [**https://lnkd.in/g3WYYFCv**](https://lnkd.in/g3WYYFCv) (Fractal Analytics – asked 3 times, 2023)  
12. PCA (Dimensionality Reduction) — [**https://lnkd.in/gjmradV3**](https://lnkd.in/gjmradV3) (Google AI Residency – asked 2 times, 2024)  
  
Deep Learning Basics  
13. Neural Network from Scratch — [**https://lnkd.in/gad5EjMA**](https://lnkd.in/gad5EjMA) (DeepMind Task – asked 2 times, 2023)  
14. Activation Functions — [**https://lnkd.in/gsmquDVu**](https://lnkd.in/gsmquDVu) (InterviewBit – asked 3 times, 2024)  
15. CNN for Image Classification — [**https://lnkd.in/gDgHB5sP**](https://lnkd.in/gDgHB5sP) (Samsung Research – asked 2 times, 2025)  
16. RNN/LSTM for Time Series — [**https://lnkd.in/gqUxZrCm**](https://lnkd.in/gqUxZrCm) (JP Morgan Quant ML – asked 2 times, 2024)  
  
Follow [**Raunak Yadush**](https://www.linkedin.com/in/ACoAADPDv24BIk590zTYqcsxgQ22qQ2cyAqV6Lw) for AI/ML job openings, referrals, and real-world project resources.  
  
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