

Acing a Data Engineer interview requires mastering core Apache Spark concepts.

Here's a step-by-step breakdown of some of the most frequently asked questions to help you shine:

- **Executor Out Of Memory:** [Link to your explanation](#) Understand the root causes and effective solutions!
- **Salting:** [Link to your explanation](#) Master data distribution and avoid skewed joins.
- **Data Locality in Spark:** [Link to your explanation](#) Optimize processing by keeping data close to its processing units.
- **Garbage Collection (GC) Tuning:** [Link to your explanation](#) Fine-tune garbage collection for peak performance.
- **Predicate Push-Down and Partition Pruning:** [Link to your explanation](#) Leverage these techniques to filter data efficiently.
- **Avoiding Shuffles in Spark:** [Link to your explanation](#) Minimize data movement for faster processing.
- **Adaptive Query Engine (AQE):** [Link to your explanation](#) Uncover how AQE dynamically optimizes queries.
- **Breaking the DAG:** [Link to your explanation](#) Learn to control the execution flow for complex tasks.
- **Spark UI:** [Link to your explanation](#) Master navigating the Spark UI for insights.
- **Cost-Based Optimizer (CBO):** [Link to your explanation](#) Demystify how CBO chooses the most efficient execution plan.
- **Compression in Spark:** [Link to your explanation](#) Reduce data size for faster processing and storage savings.