

## Databricks Interview Questions

### Databricks Basics & Architecture

1. What is Databricks and why is it used?
2. Explain the architecture of Databricks platform.
3. What are Databricks clusters and their types?
4. How does Databricks integrate with cloud providers?
5. What is the difference between interactive and job clusters?
6. Explain the concept of notebooks in Databricks.
7. What are Databricks runtimes?
8. How does Databricks handle autoscaling?
9. What is the role of the driver and worker nodes in Databricks?
10. Explain the concept of DBFS (Databricks File System).
11. Additional question on Databricks Basics & Architecture #11
12. Additional question on Databricks Basics & Architecture #12
13. Additional question on Databricks Basics & Architecture #13
14. Additional question on Databricks Basics & Architecture #14
15. Additional question on Databricks Basics & Architecture #15
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17. Additional question on Databricks Basics & Architecture #17
18. Additional question on Databricks Basics & Architecture #18
19. Additional question on Databricks Basics & Architecture #19
20. Additional question on Databricks Basics & Architecture #20
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23. Additional question on Databricks Basics & Architecture #23
24. Additional question on Databricks Basics & Architecture #24
25. Additional question on Databricks Basics & Architecture #25

### Apache Spark Integration

1. How does Databricks leverage Apache Spark?
2. Explain Spark architecture in Databricks.
3. What are Spark DataFrames and how are they used in Databricks?
4. Difference between Spark RDD and DataFrame?
5. How do you optimize Spark jobs in Databricks?
6. Explain Spark SQL and its usage in Databricks.
7. What is Catalyst optimizer in Spark?
8. How does Databricks handle shuffle operations?
9. Explain the concept of narrow and wide transformations in Spark.
10. What is the role of Spark executors in Databricks?
11. Additional question on Apache Spark Integration #11
12. Additional question on Apache Spark Integration #12
13. Additional question on Apache Spark Integration #13
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