



6. Data Analysis and Manipulation

- Basic DataFrame Operations
- Advanced DataFrame Functions
- Data Cleaning and Transformation

7. Machine Learning with Databricks

- Introduction to MLlib
- Building and Training Models
- Evaluating Model Performance

8. Jobs in Databricks

- Introduction to Databricks Jobs
- Creating and Managing Jobs
- Scheduling and Monitoring Jobs
- Integrating Jobs with Notebooks and Workflows

9. Advanced Spark Concepts

- Spark SQL
- Performance Tuning
- Managing Partitions and Caching

10. Collaboration and Sharing

- Sharing Notebooks
- Using Libraries and APIs
- Collaboration Best Practices

11. Real-World Applications and Projects

- Case Studies
- Hands-On Projects
- Best Practices and Tips

12. Conclusion

- Recap of Key Learnings
- Next Steps and Resources