

Spark the Definitive Guide 2nd Edition

Chapter 06

Working With Different Types of Data

Basic Structured Operations

Text Book



Objectives and Outcomes

- ▶ Understand how to build expressions using typed data
- ▶ Understand how to use:
 - ▶ Booleans
 - ▶ Numbers
 - ▶ Strings
 - ▶ Dates and Timestamps
 - ▶ Nulls
 - ▶ Complex and user types

Review

- ▶ So far:
 - ▶ We covered basic DataFrame operations.
 - ▶ We learned the simple concepts and tools that you will need to be successful with Spark DataFrames
 - ▶ We learned what an expression is
 - ▶ We learned the difference between Select and SelectExpr
 - ▶ We learned how to add columns and rows to a DataFrame
 - ▶ We learned how to take random samples from DataFrames

Conclusion

- ▶ This chapter covered:

Questions

- ▶ Any questions?
- ▶ Read Chapter 07 and do any exercises in the book.