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AI and Predictive Analytics in Data-Center Environments

Distributed Computing using Spark
Using Apache Spark (Hands On)

Hands-On: Basics on Spark

- Spark usage
 - How to play with Spark
 - Values, variables and operations
- Low-level Spark:
 - Map-Reduce

Hands-On: Basics on Spark

- Our environment:
 - We're working on a Unix Terminal
 - We'll be using Python
- Next steps: Open Spark
 - Apache Spark → Spark framework

Summary

- First contact with Spark
- Basic examples
 - Low-level spark examples with RDDs
 - Map and Reduce operations