

# Sela.

SparkWorkshop

## Spark workshop

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## Spark workshop

SparkWorkshop - Version: 1

 3 days Course

### Description:

In the first training day, the course will introduce developers to basic Spark concepts (RDD, Transformations, Actions). In the next two training days, the course will cover Spark including: Spark Streaming, and Cluster deployment.

### Intended audience:

Developers who wish to obtain the skills and knowledge to develop big data solutions with Spark.

### Prerequisites:

Basic knowledge of programming in Python

### Objectives:

Storing and analyzing data  
Distributed programming with Spark

### Topics:

Day 1 – Sparks Basics

- Spark's architecture.

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- Python fundamentals
- Basic Spark concepts: RDD, Transformations, Actions
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## Day 2 – Data in Spark

- Loading and storing data.
- Spark SQL
- Spark Streaming

## Day 3 – Clustering and Deployment

- Cluster deployment.
- Persist reusable results
- Controlling memory usage