

Functional Programming for Data Analysis

Monday 10 July 2017 15:30 (1h 30m)

Even though both involve programming, data analysis is a different activity from software engineering, with different best practices.

However, the recent interest in functional programming as a good practice for parallelization applies to data analysis as well. We'll mix theory (immutable data, structural sharing, combinators) with practical examples in Spark and (possibly) other functional programming-based analysis frameworks.

Minimal prerequisites in specific language and framework knowledge (we'll introduce what we need), but a flexible mindset helps.

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