



Taking Your Spark To Production Scale

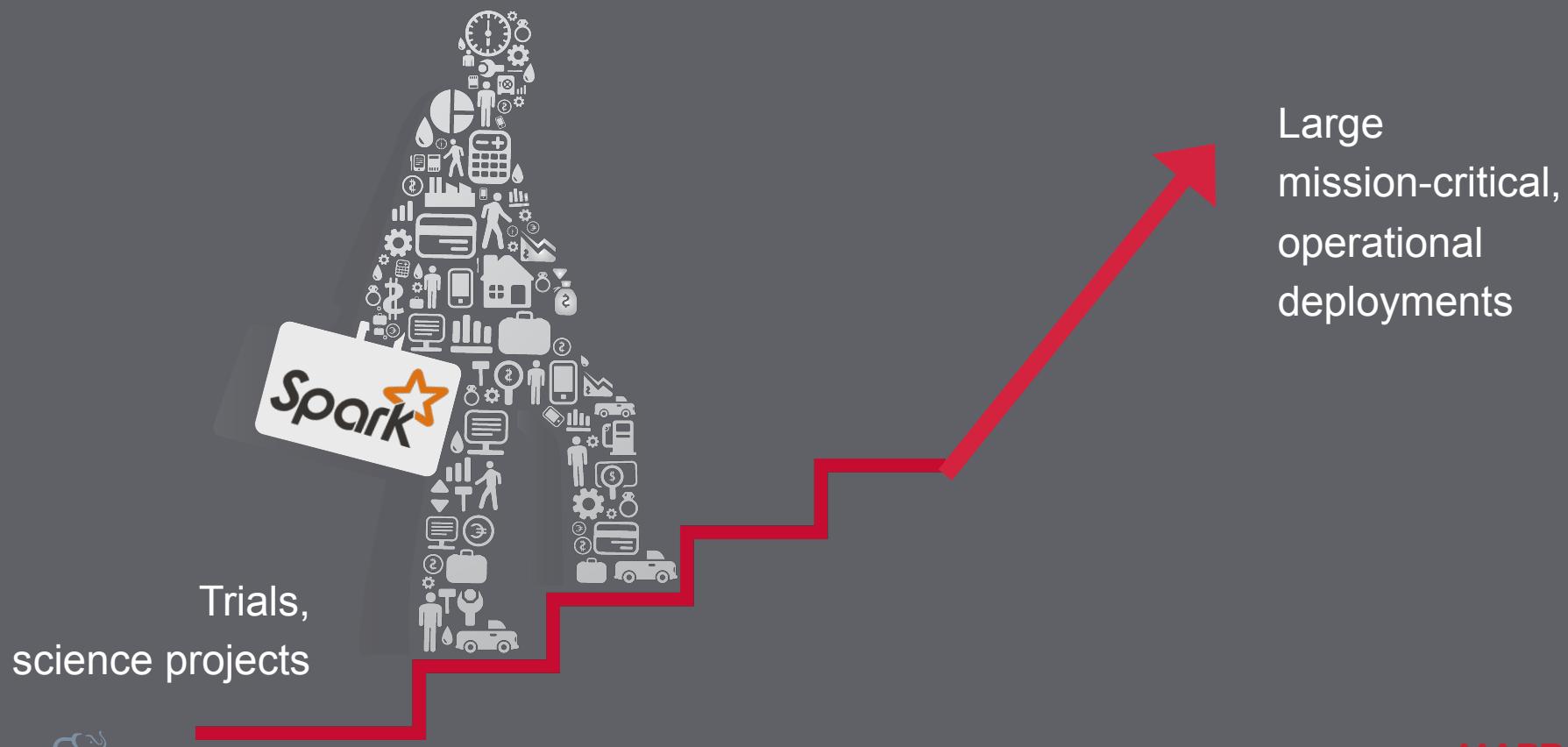
Anil Gadre, SVP Product Management, MapR Technologies

June 15, 2015



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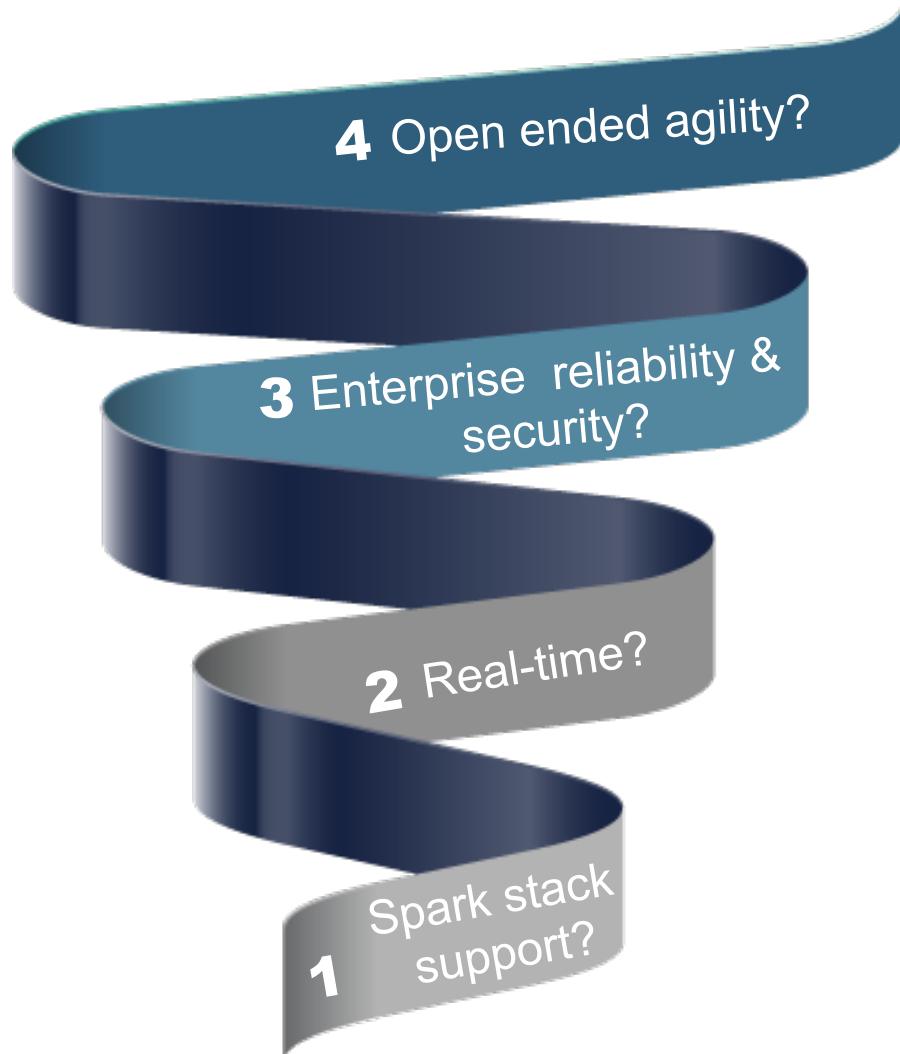
The Journey To Production Scale



Companies with Spark & MapR in Production



Key Issues To Plan For





CISCO™

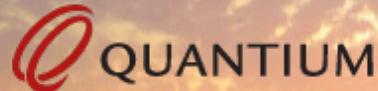
Security Intelligence Operations

Global Managed Security Services
delivered on Hadoop

Spark Stream processing used to
first check for known threats

Data next processed on Hadoop
using MLLib and GraphX

Additional SQL querying done via
Spark SQL



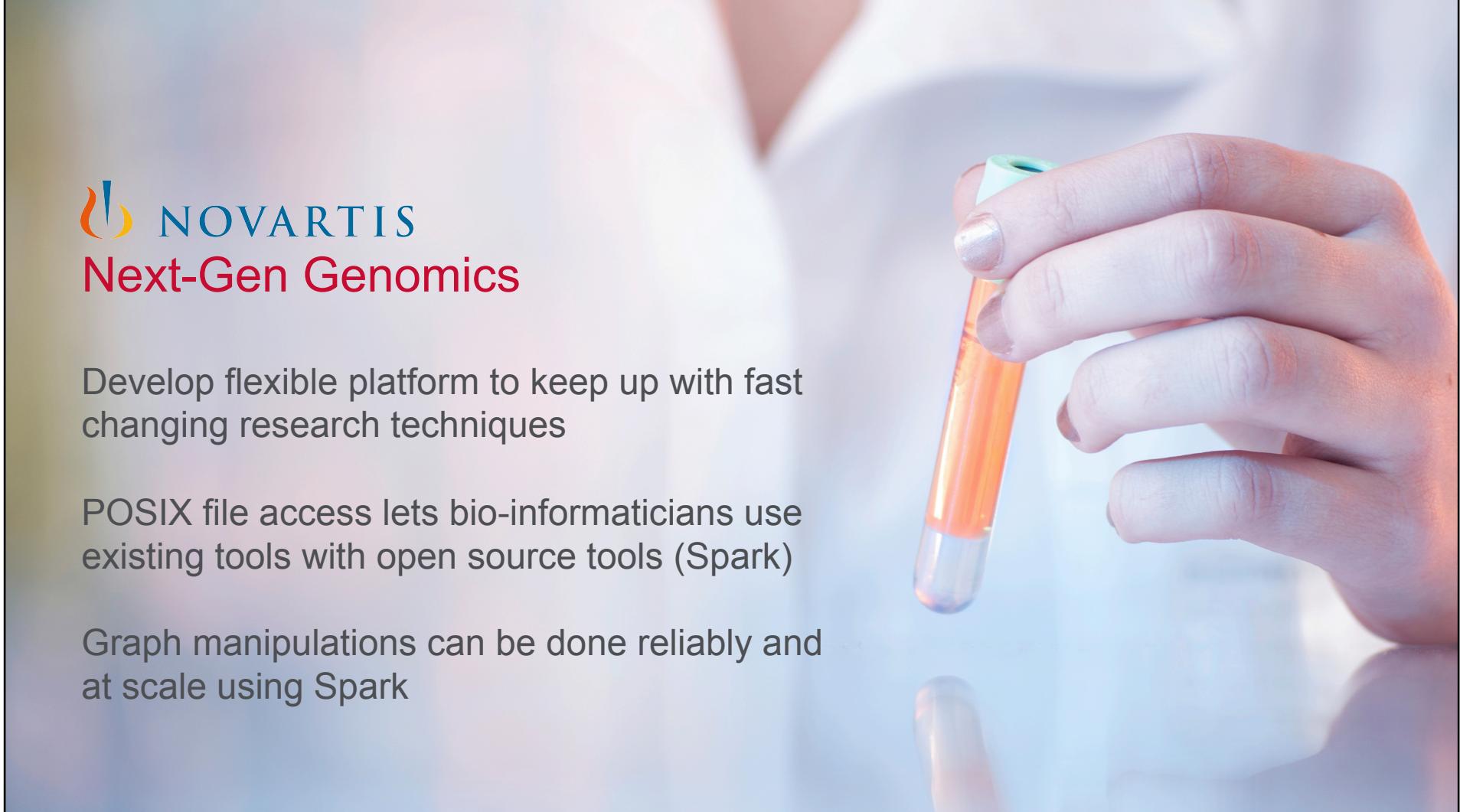
Business transformation
from data to dividend

Delivers Lightning Fast Analytics for Clients

Building largest Hadoop cluster in Australia

Real-time analytics using Spark on MapR—reducing data loading time from hours to minutes

Leverage multi-tenancy, high-performance and reliability of MapR



 NOVARTIS
Next-Gen Genomics

Develop flexible platform to keep up with fast changing research techniques

POSIX file access lets bio-informaticians use existing tools with open source tools (Spark)

Graph manipulations can be done reliably and at scale using Spark



Real-Time Customer Analytics

- MapR Data Lake stores both online and archive data
- Spark on MapR reduced ETL processing
- NFS moved data into the cluster seamlessly
- 1/10th Total Cost of Ownership vs. old way
- New customer onboarding cut from months to weeks

Databricks & MapR Strategic Partnership

(since April 2014)

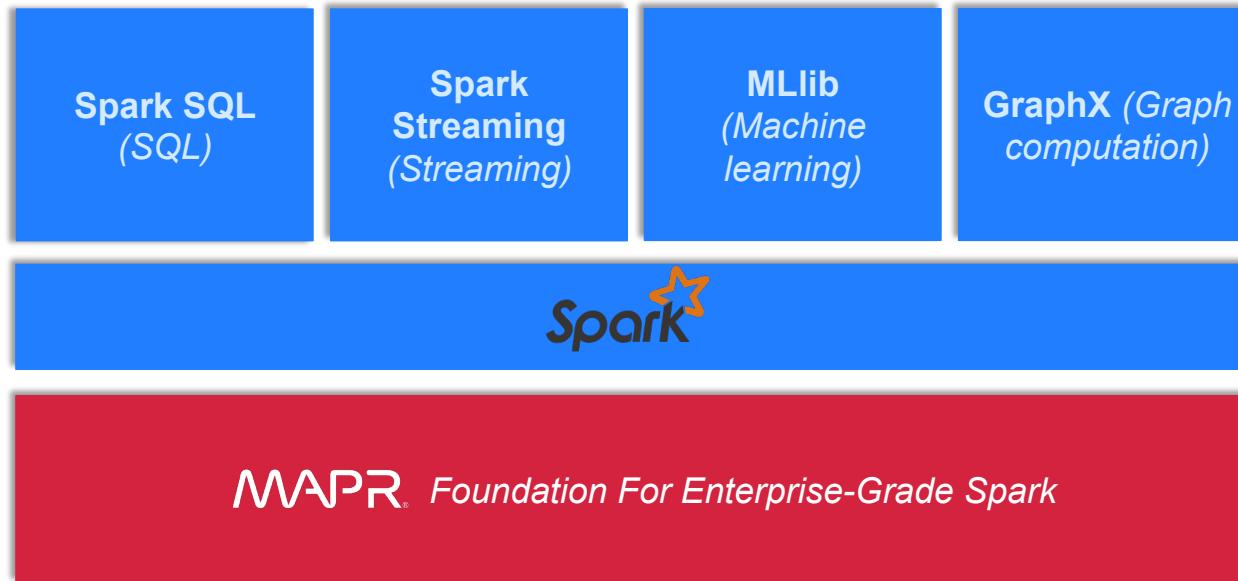


Support for the
complete Spark stack

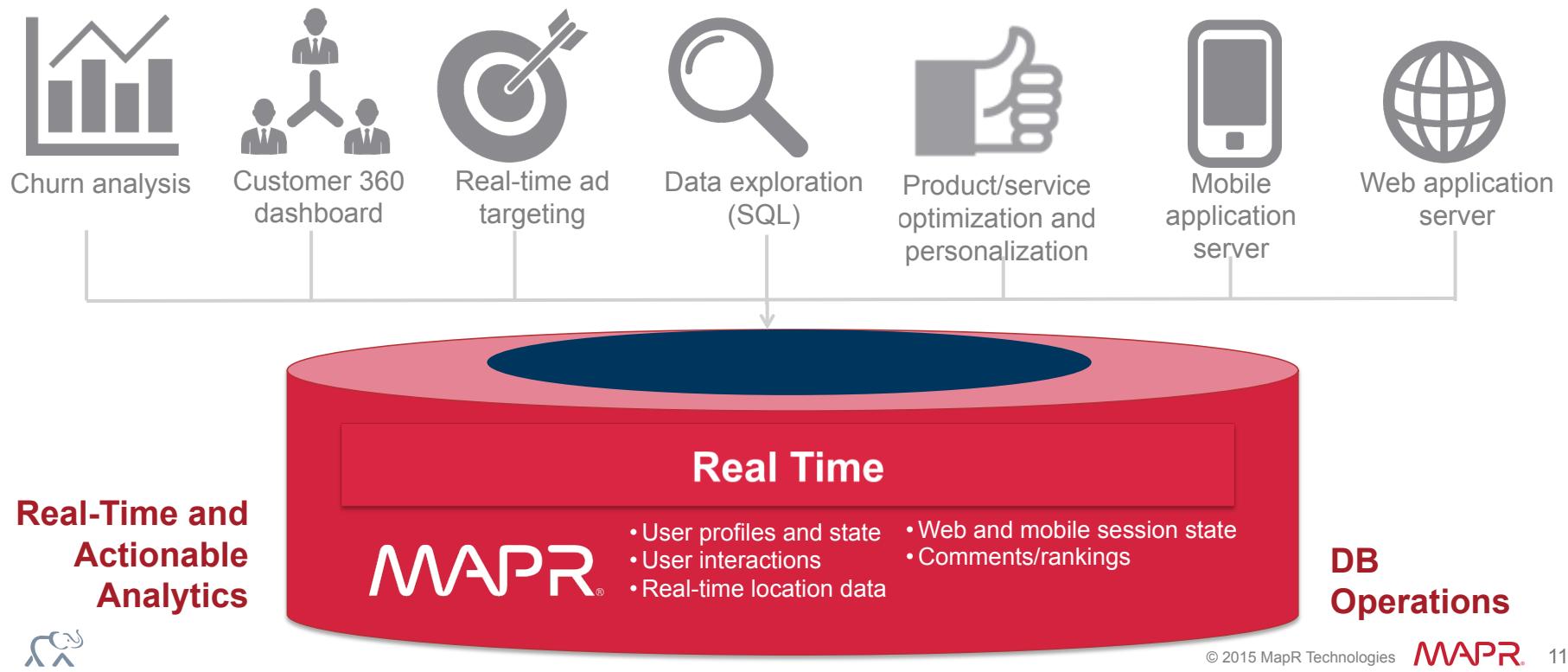
Engineering & roadmap
collaboration

Back-end support

The Most Complete Spark Environment



Operations + Analytics on One Hadoop Platform with SQL Access



Spark + MapR = Ready For Production Success

High Performance

World-record performance on disk

24/7 Best-in-class Global Support

Strategic partnership with Databricks to ensure enterprise support for the entire stack

Operational Data Store

MapR-DB + Spark = real-time analytics

Reliability for Production

SLA-Driven Applications

- High availability
- Data protection
- Disaster recovery

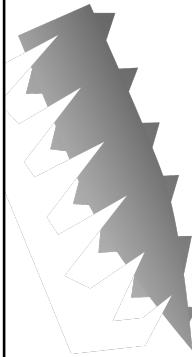
MapR Introduces 3 New Spark-Based Quick Start Solutions

Real-Time Security Log Analytics

Time Series Analytics

Genome Sequencing





APACHE DRILL

Self-Service Data Exploration

Single SQL Interface for Structured
and Semi-Structured Data

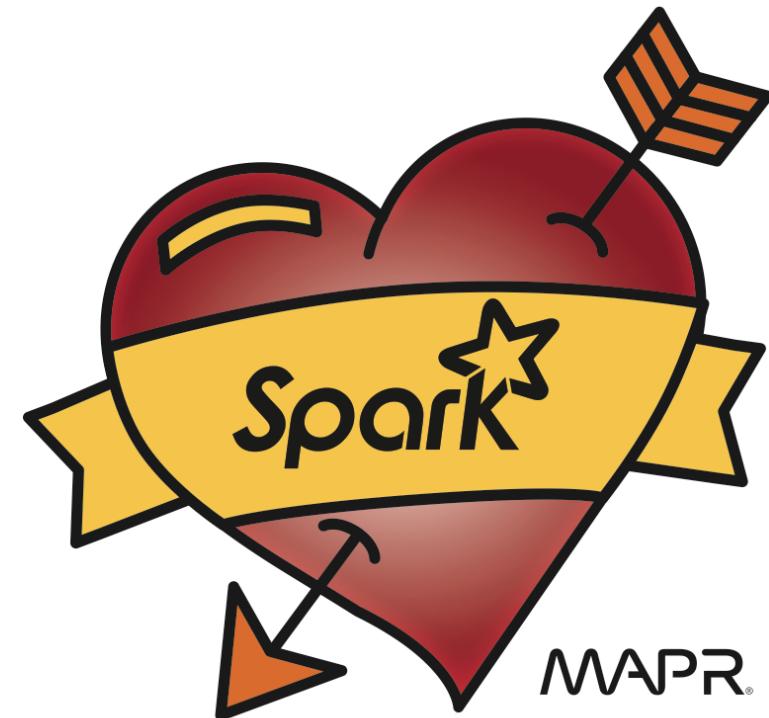
Data Agility with Less IT Required



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Top-Ranked **Hadoop**
Distribution

Top-Ranked **NoSQL**

Top-Ranked **SQL-on Hadoop**
Solution