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The Next Big Thing in eHealth

Deployment and Orchestration of Analytics at Scale

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"In today's world, moving data into a single location before it can be analyzed can be a challenging proposition. And in some cases, data simply cannot be transmitted to a central location because of bandwidth constraints. In other cases, data movement is limited by governance, risk and compliance issues, along with restrictions imposed by security and privacy controls. Many people are talking about this fundamental change. They get the big picture. However, relatively few people are talking about how data science algorithms will be re-designed to reason and learn in a federated manner; how analytics will be distributed close to where the data is collected; and how the intermediate results will be aggregated and analyzed together to drive higher-order learning at scale. Those are much more challenging problems to solve. And this is where federated analytics enters the picture."