Architecting and Ingesting Data At Scale with Quicken Loans

Mack Hendricks
Hortonworks, Senior Sales Engineer

Lisa Phillip
Quicken Loans, Enterprise Data Architect
Our Speakers

Lisa Phillip
Enterprise Data Architect

Mack Hendricks
Senior Solutions Engineer
Discussion Topics

- Who is Hortonworks?
- Quicken Loans Data Principles
- Q/A between Lisa and Mack
Connected Data Strategy Solves for All Data

Capture streaming data
Deliver perishable insights
Combine new & old data

Perishable Insights
ACTIONABLE INTELLIGENCE
Historical Insights

DATA IN MOTION
(Hortonworks DataFlow)

DATA AT REST
(Hortonworks Data Platform)

Capture streaming data
Deliver perishable insights
Combine new & old data

DATA AT REST
(Hortonworks Data Platform)

Store data forever
Access a multi-tenant data lake
Model with machine learning

MULTIPLE CLUSTERS AND SOURCES
Hortonworks Dataplane Service
Manage, Secure, Govern

Connected Data Strategy Solves for All Data
Quicken Loans Data Principles

Lisa Phillip
Enterprise Data Architect

- Data Practitioner of 19 years
- Specialty in Enabling Analytics
- Focus on Architecture and Governance
"QUICKEN LOANS & FOC ONE STOP SHOP FOR DATA"
Data Principles

- All means all
- No Swamps
- Self Service
- Easy Hydration
- Make Dewey Proud
- Governance or bust
- Security first
- Puff Clouds
- Tools love fest
Q/A between Lisa and Mack
Key Takeaways

- Avoid Swamp-land
- Take a Principled Approach
- Ingestion is Harder than you Think
- Solid Partnerships