

Data integration & management using Azure

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Learn, Share, Grow...

- 10+ years around Data & SaaS.
- B2B products for Data, BI and Analytics.
- Azure and No code passionate.
- Knowledge sharing = Holistic growth.



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Product Manager
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Professional

The app of the future is cloud native

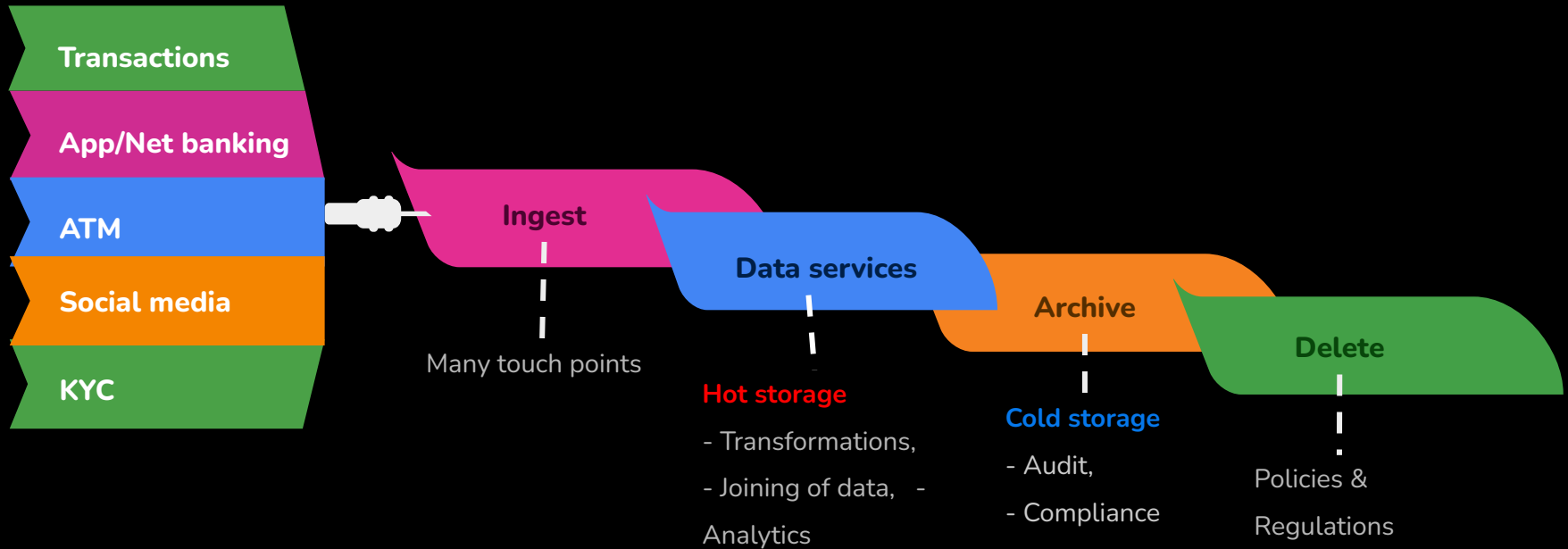


90%

of production apps will
be cloud native by 2025¹

¹ IDC FutureScape

The problem - Data move/copy & store





What storage options? - Data Storage Strategy in Azure

Hot

1

Runtime apps,
Operational workloads,
Frequent reporting

Cold

2

Rarely accessed (ML),
Short-term backup,
Disaster recovery

Archive

3

Not read, but searchable,
Knew less use (180 days)

Delete

4

No cache / backup copies,
In any layer like ETL

How move/integrate? - Data integration, ETL, ELT

Azure Data Factory

- Low code, GUI.
- Less transformation, More data movement (pipeline).
- Integrate with different data sources.

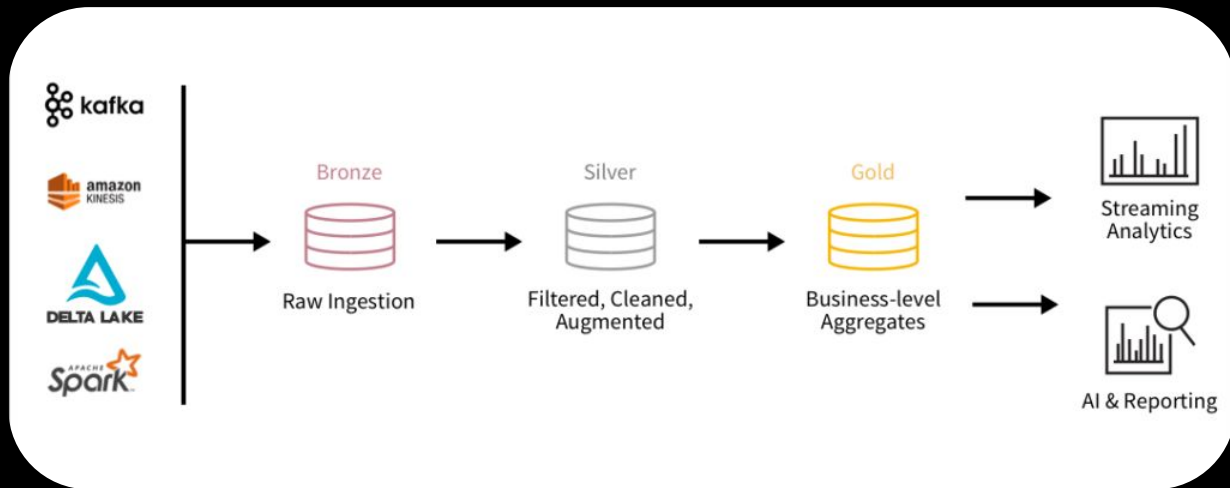
How analyse? - Activating your data

Azure Databricks

- Complex transformations.
- Dedicated for reporting & analytics
 - Cluster 1 - BI tools / SQL reporting.
 - Cluster 2 - Data science ML workloads.

Real challenges

- System to make data flow from landing zone to different layers.
- How far it can be automated?
- Data observability tools.



Microsoft Intelligent Data Platform

