# AWS re:Invent

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WPS206-R2

# Drive student success through data management

Craig Jordan
Solutions Architect
AWS

Marc Adlam
Tech BD, Analytics
AWS

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# Session objectives

Starting from a real use case, this session will

- Provide guidance for how to get started if all of this is new
- Help to inspire new ideas if you feel stuck
- Offer a blueprint you can tailor for your own needs

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# Working backwards – Example 1

Inform department chairs of their programs' health

- In relation to prior years
- As compared to peer institutions

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# Working backwards – Example 2

Inform students of their level of engagement with course materials as compared to prior successful students with

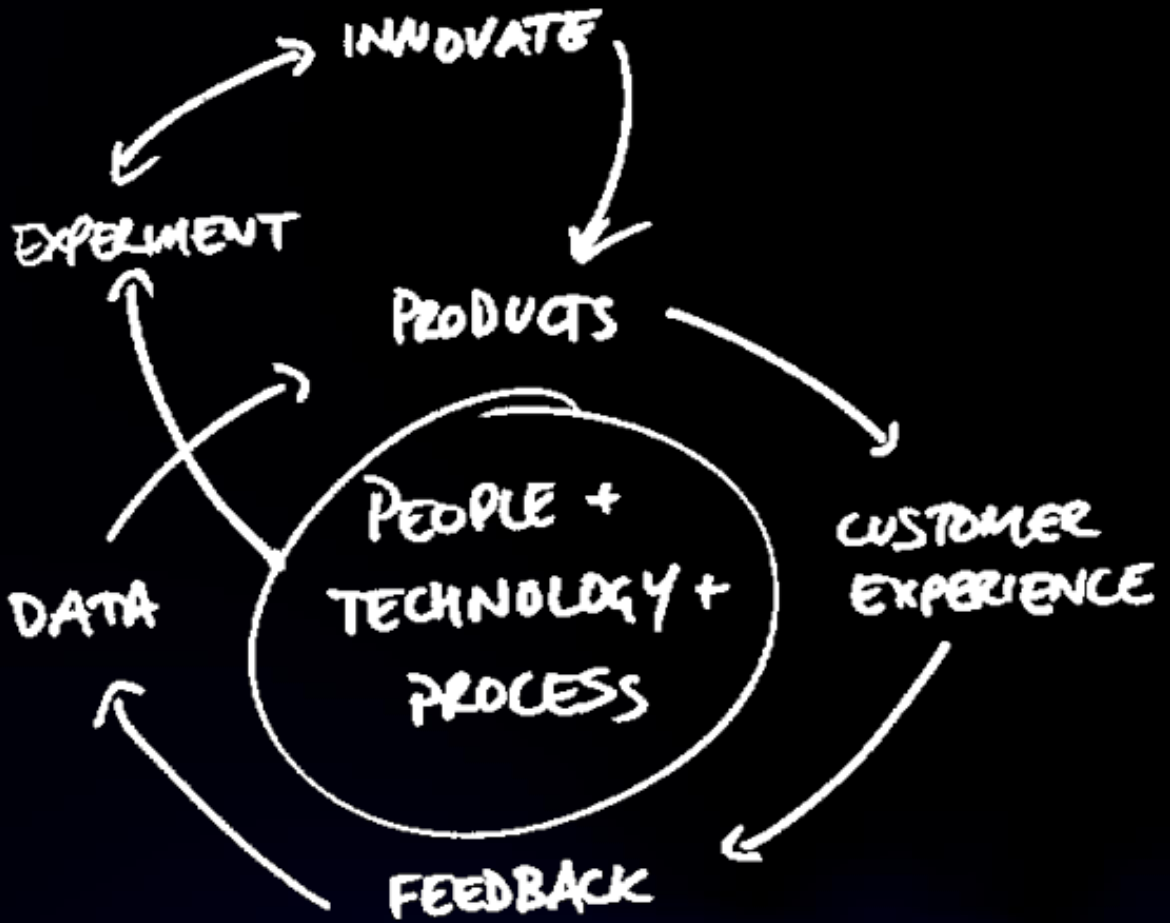
- Recommended next actions
- A way to track completion of recommendations

Drive engagement through gamification of key measurements

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# Becoming a data-driven organization

"An organization that harnesses data as an asset, to drive sustained innovation and create actionable insights to supercharge the experience for their customers so they demand more"



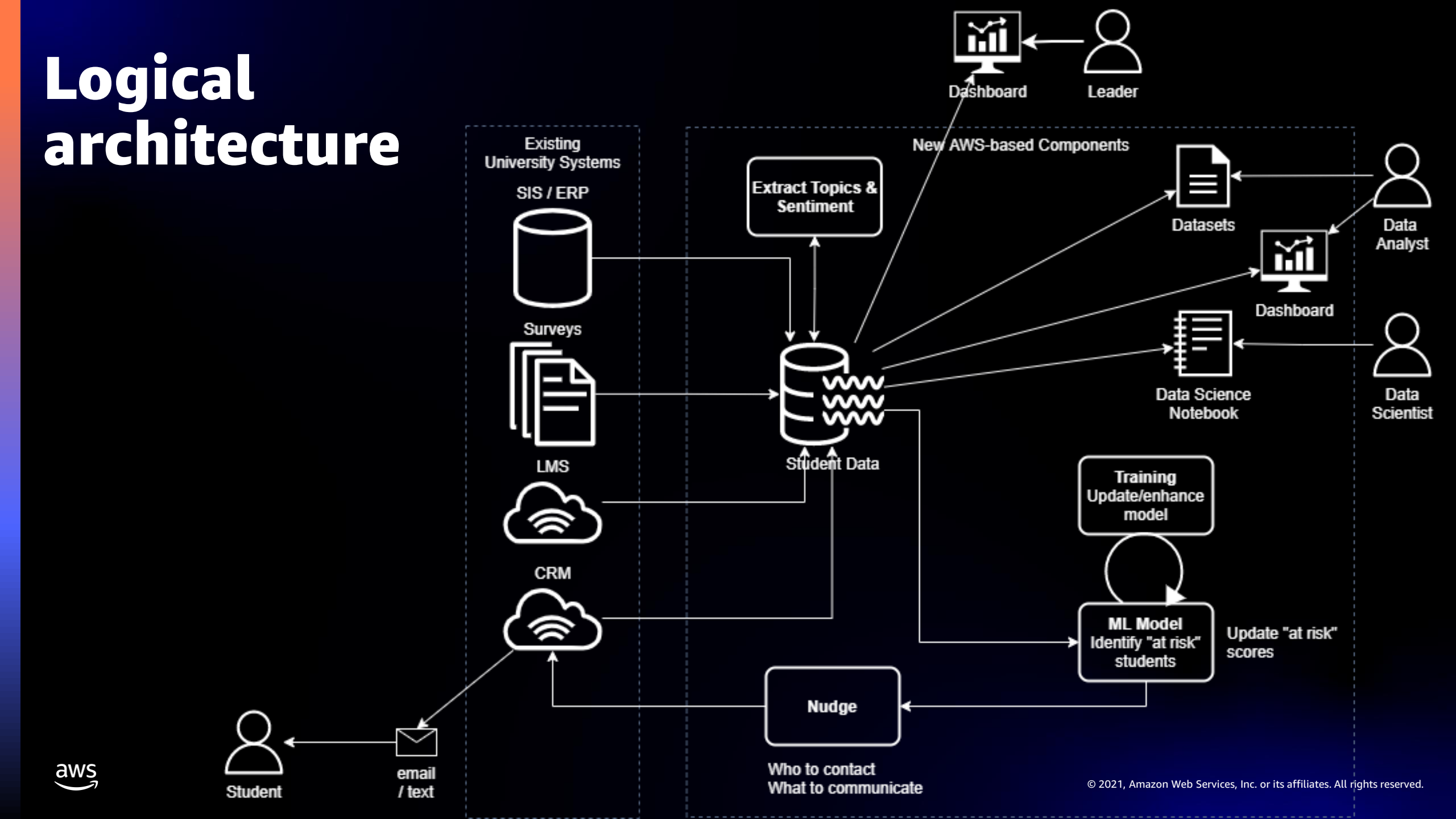

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# Today’s example use case

Inform students
in jeopardy of not succeeding
of a suggested action
and track completion of that action

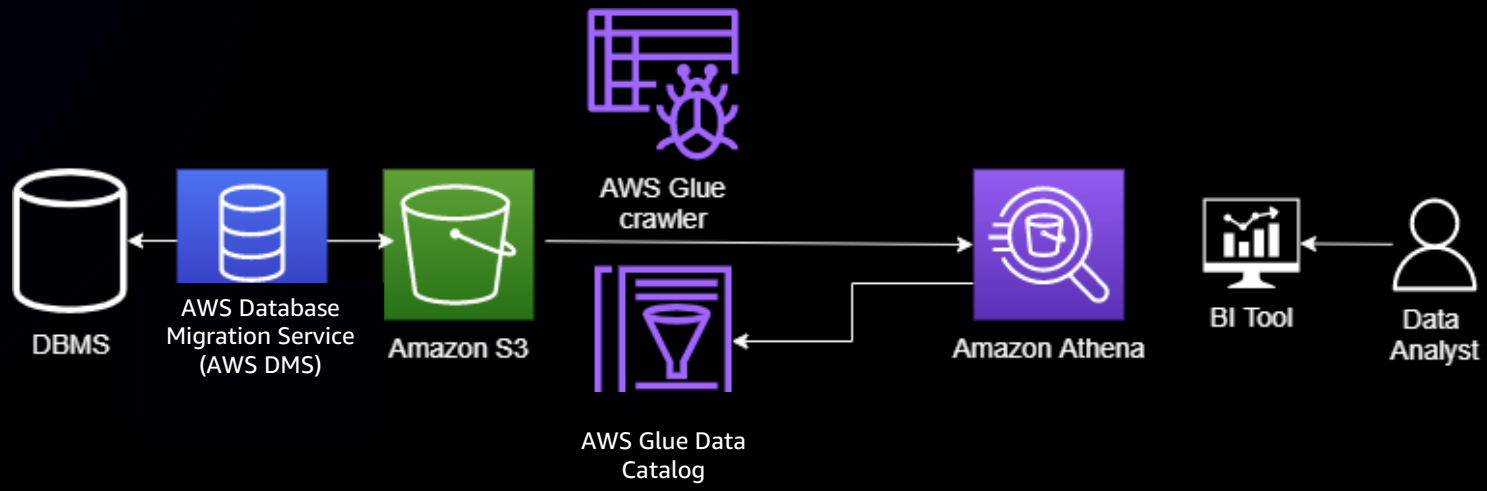
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# Logical architecture



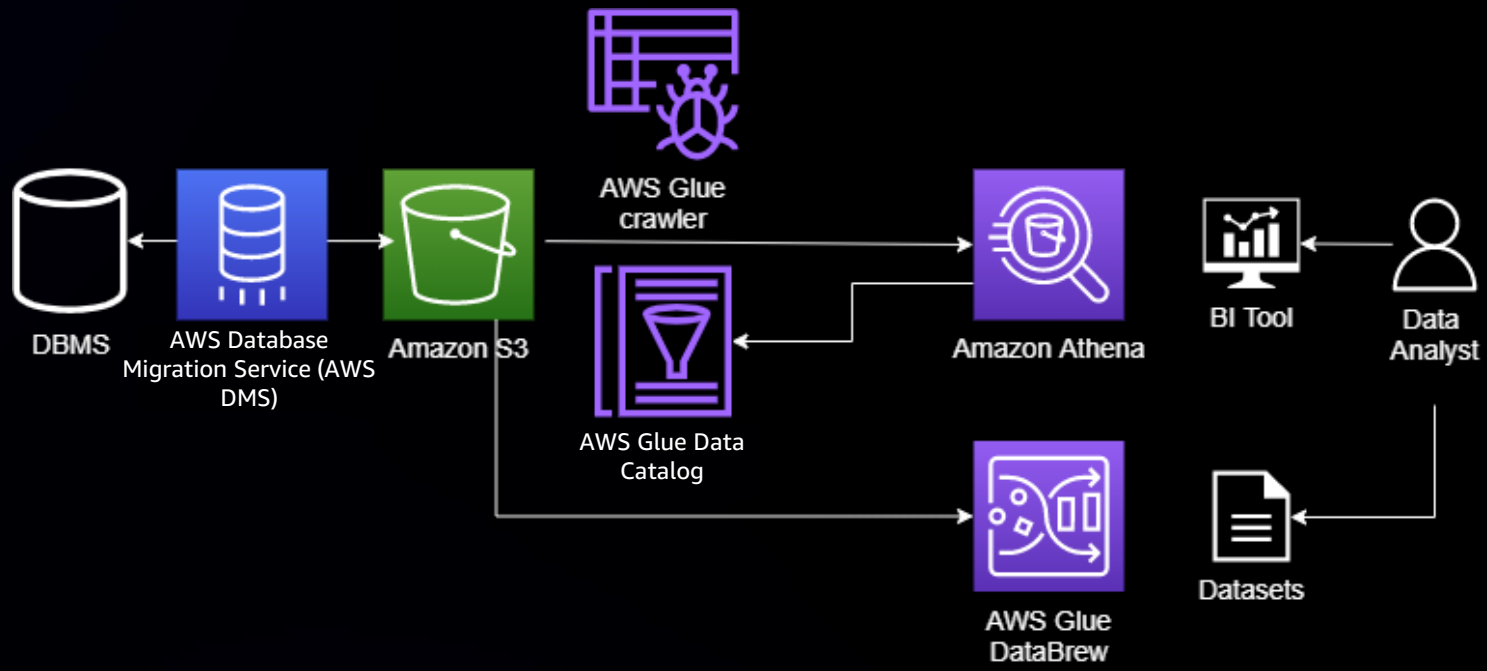

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# Solution architecture



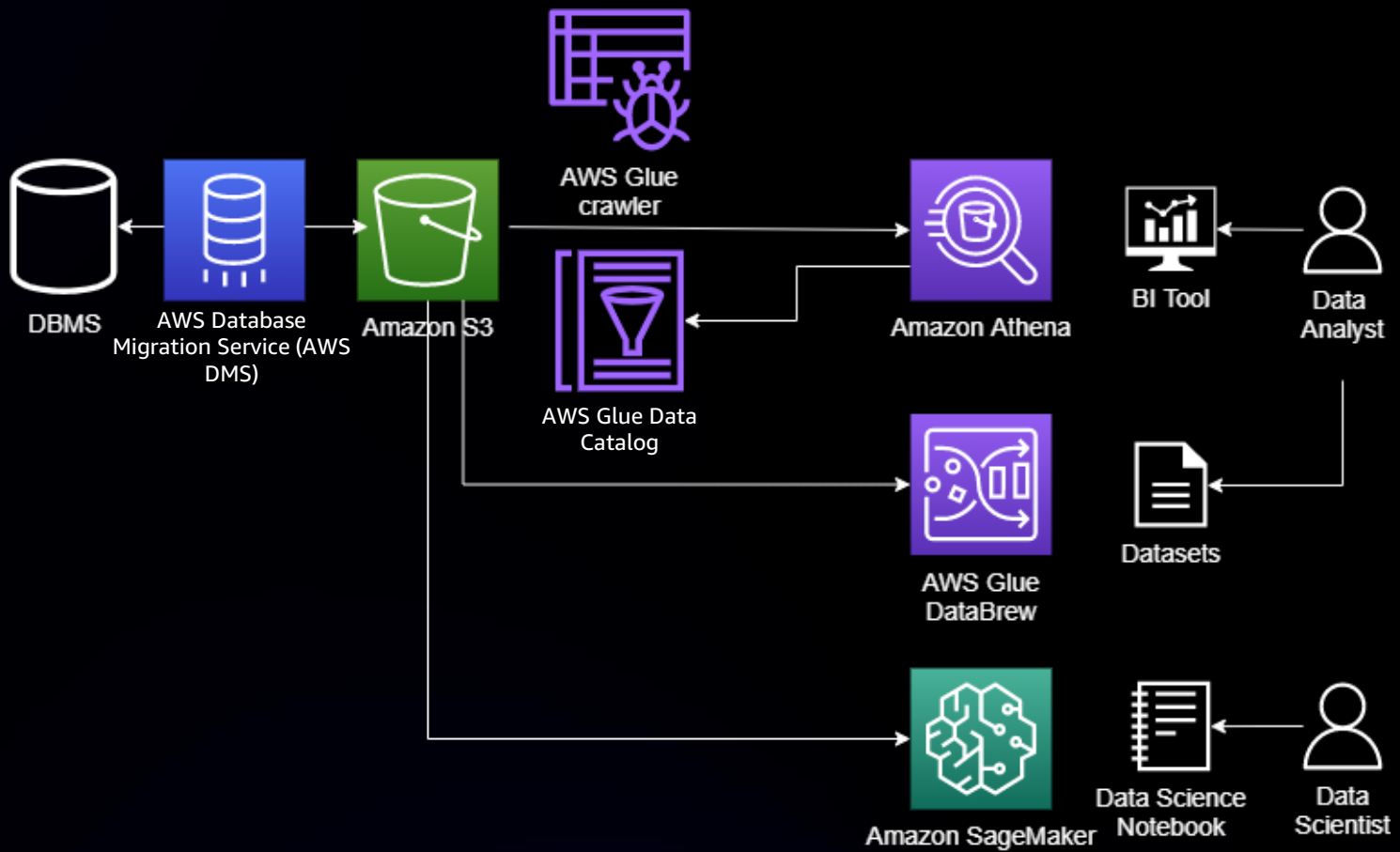

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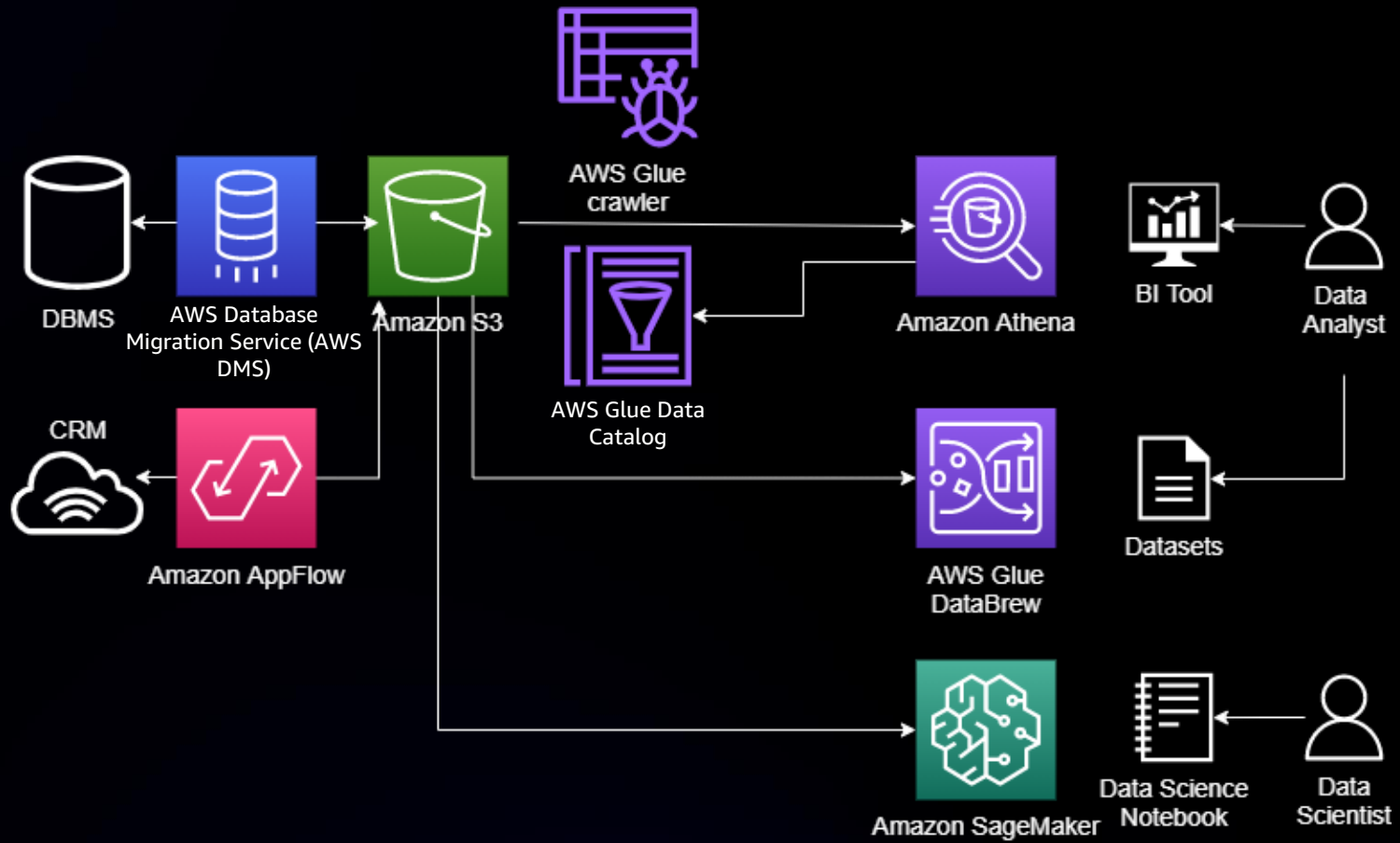

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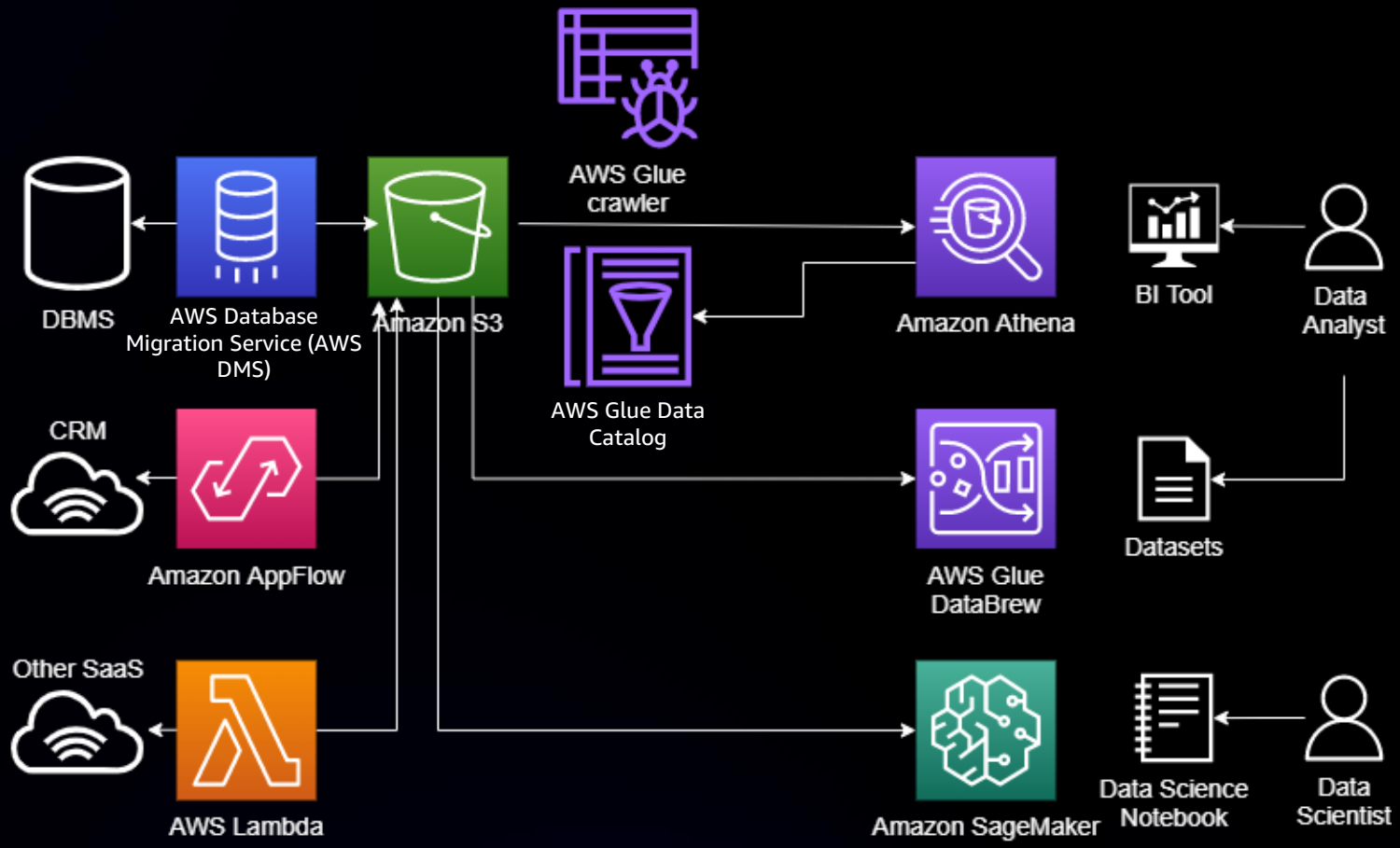

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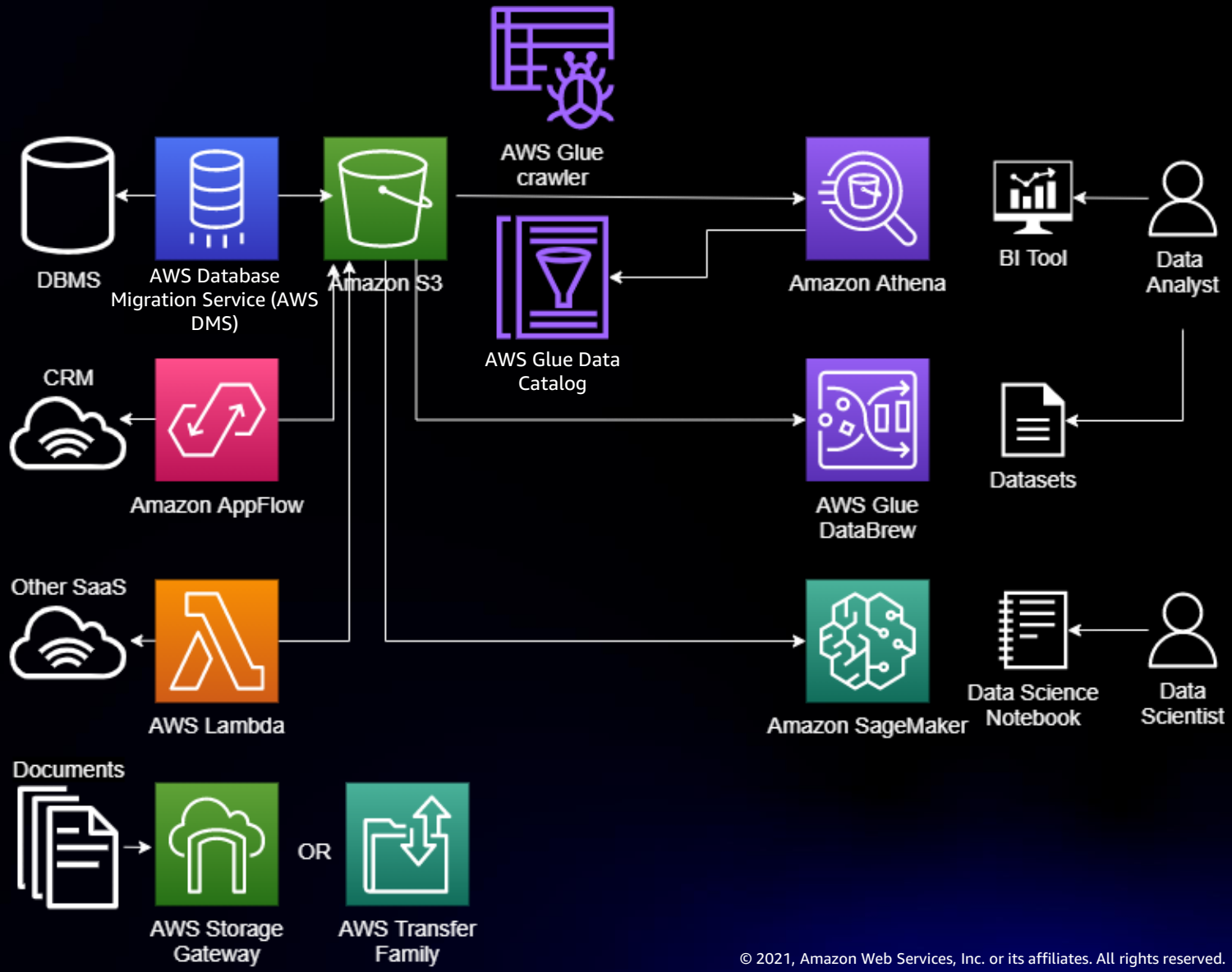

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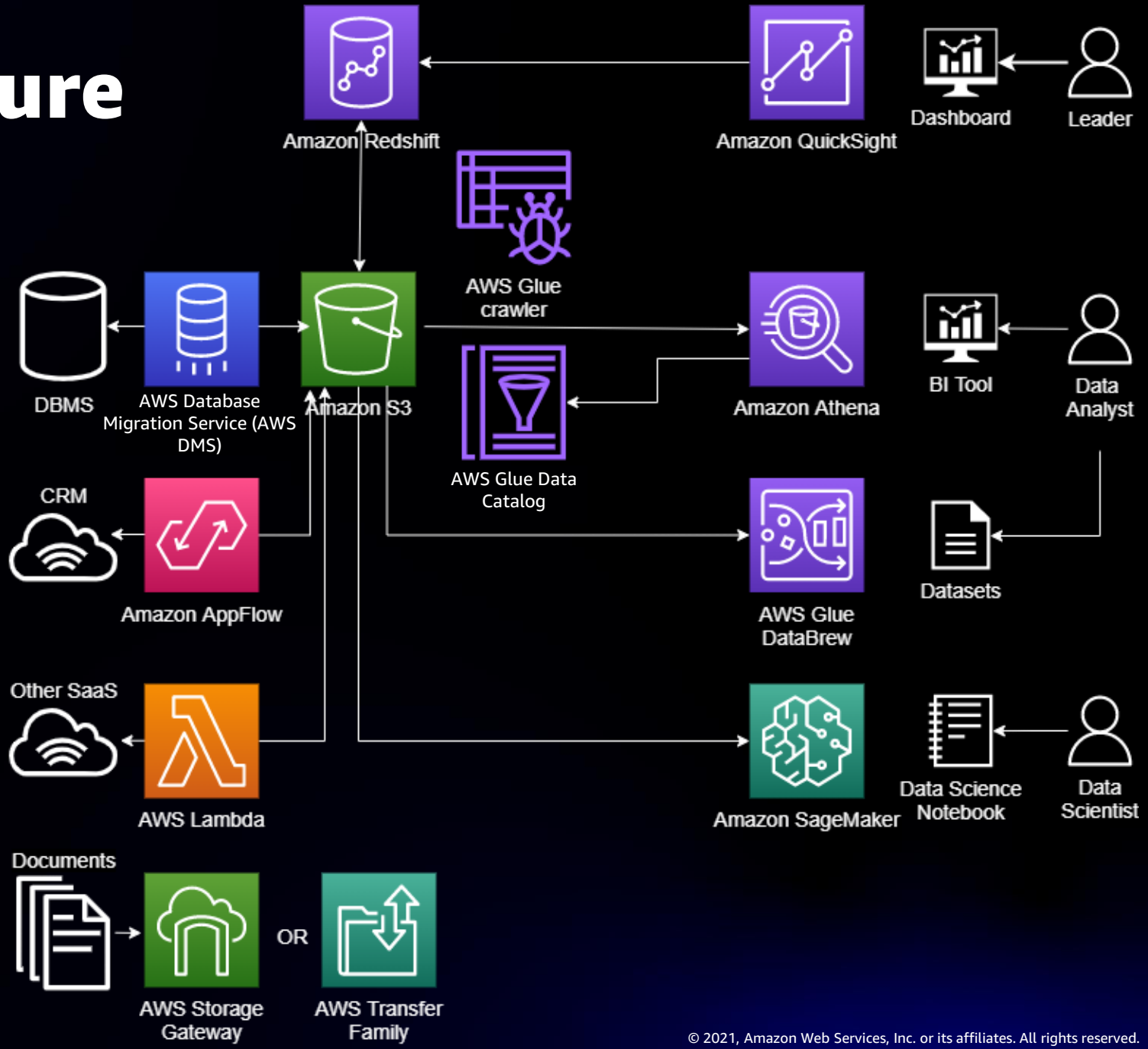

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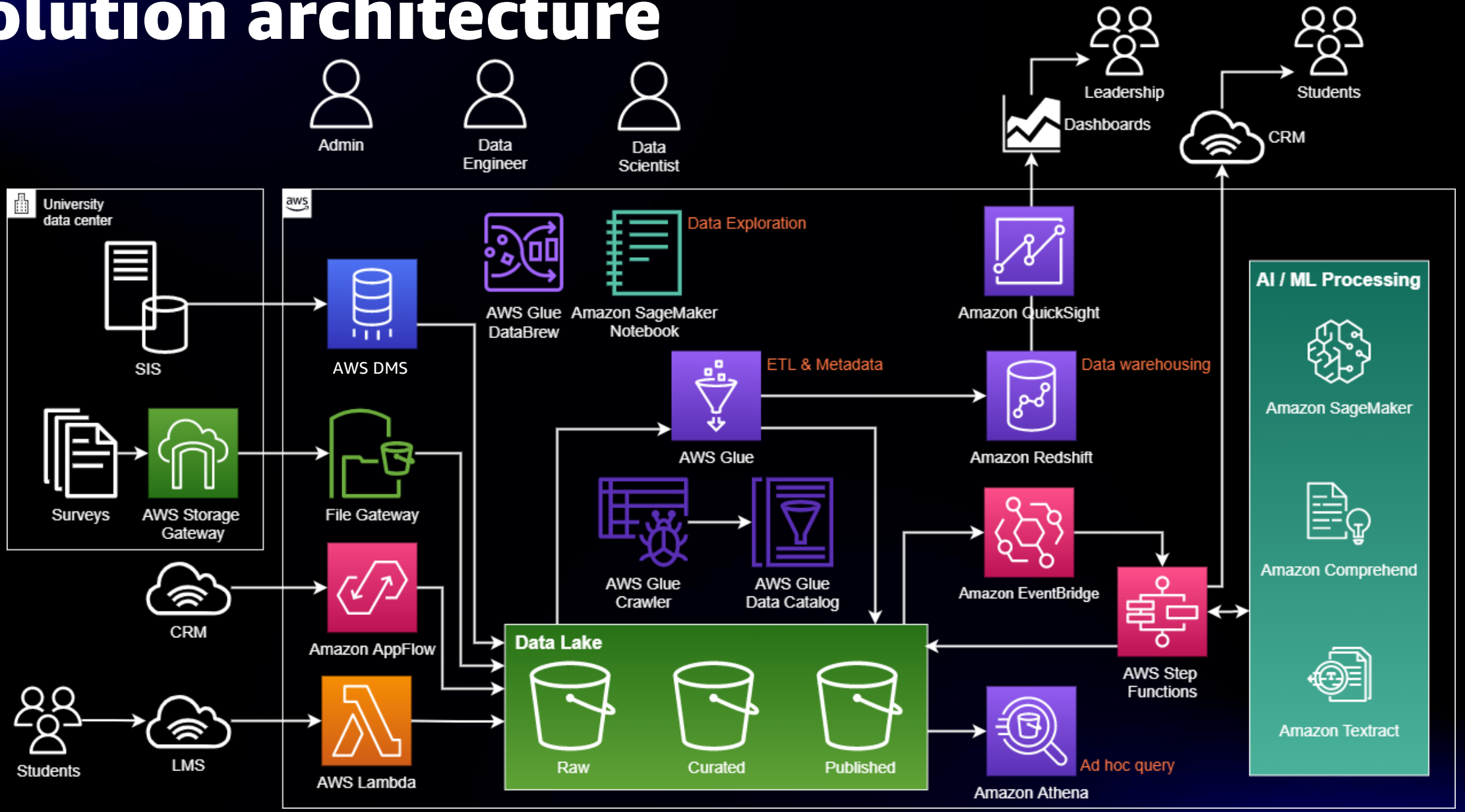

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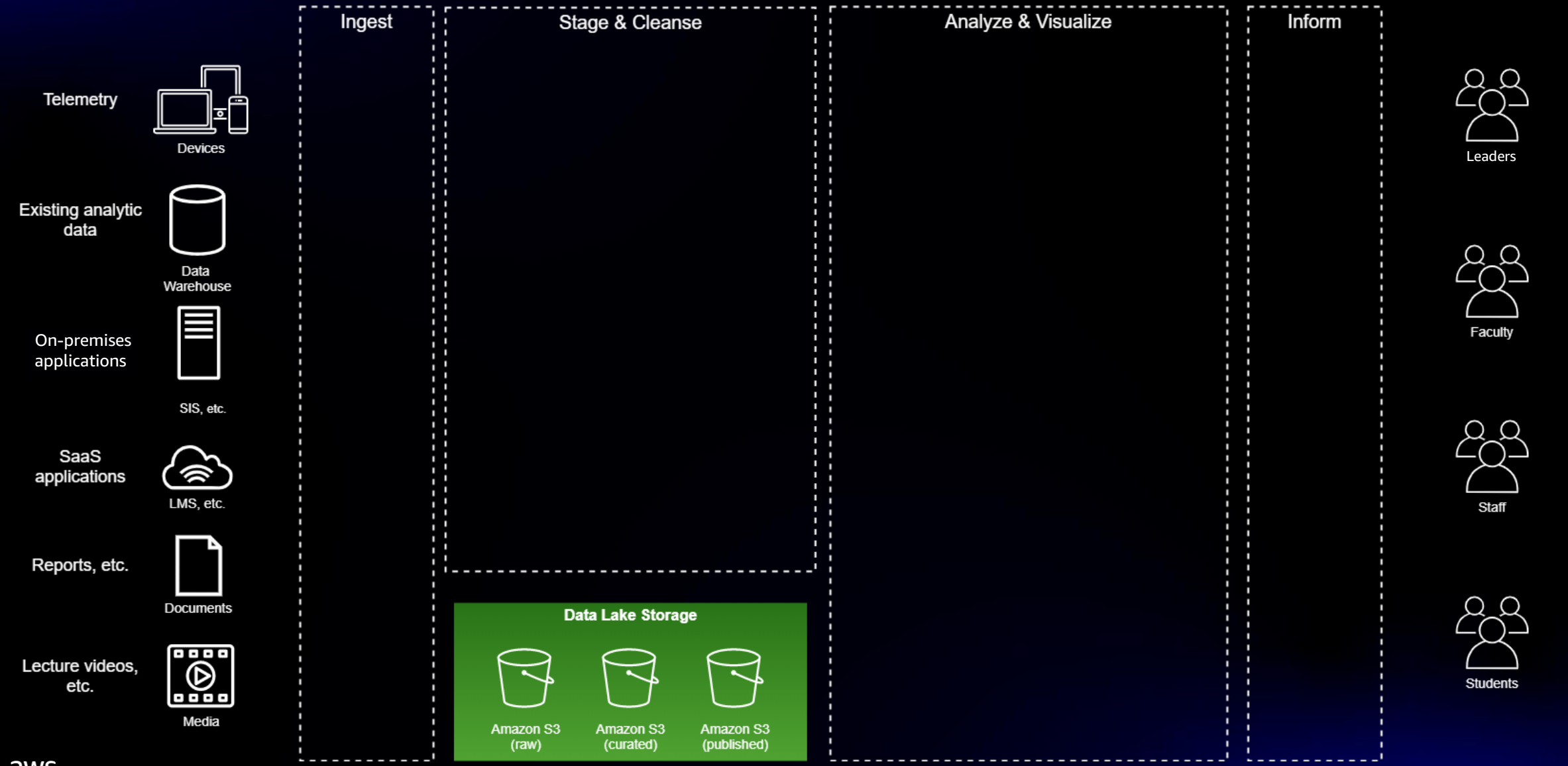

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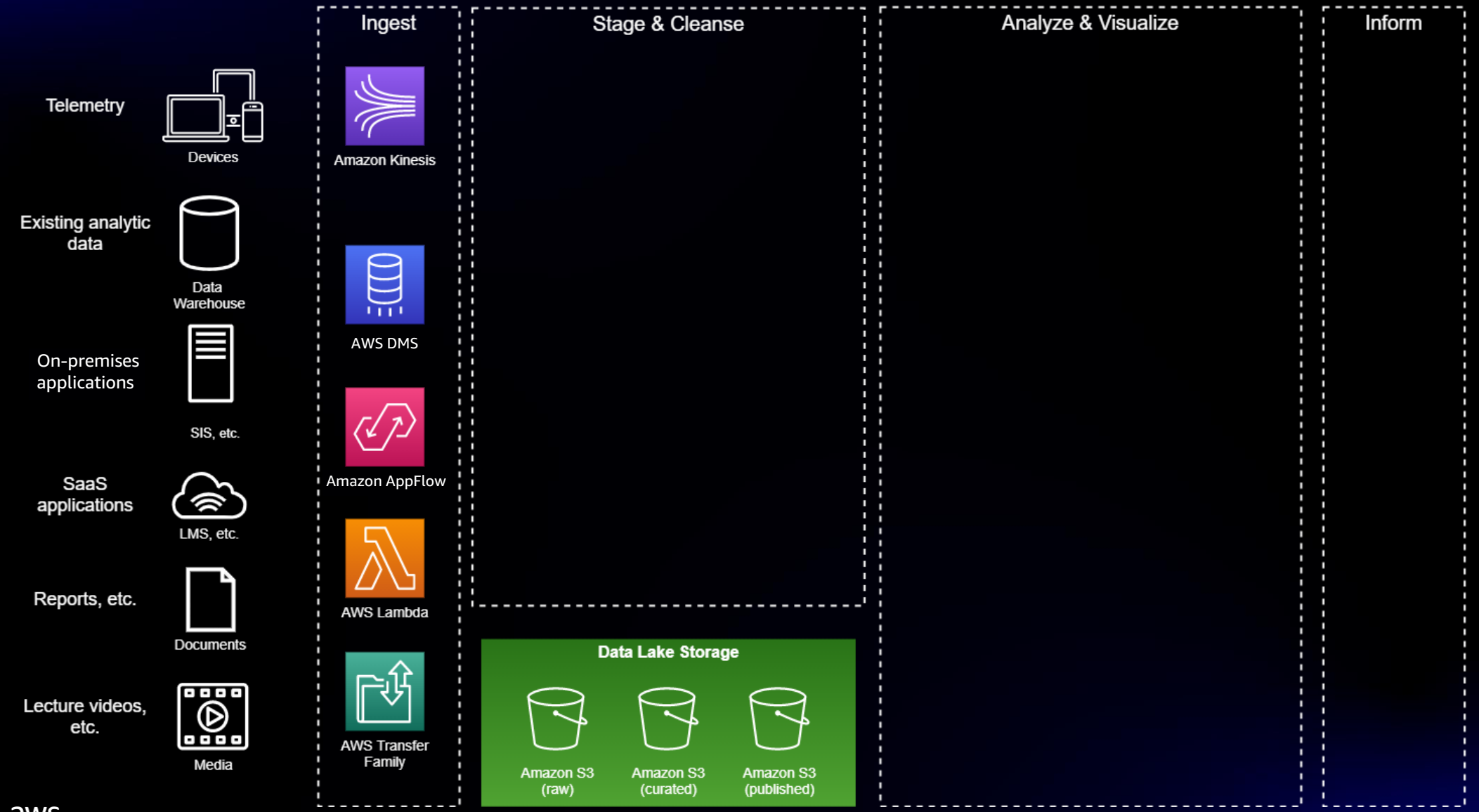

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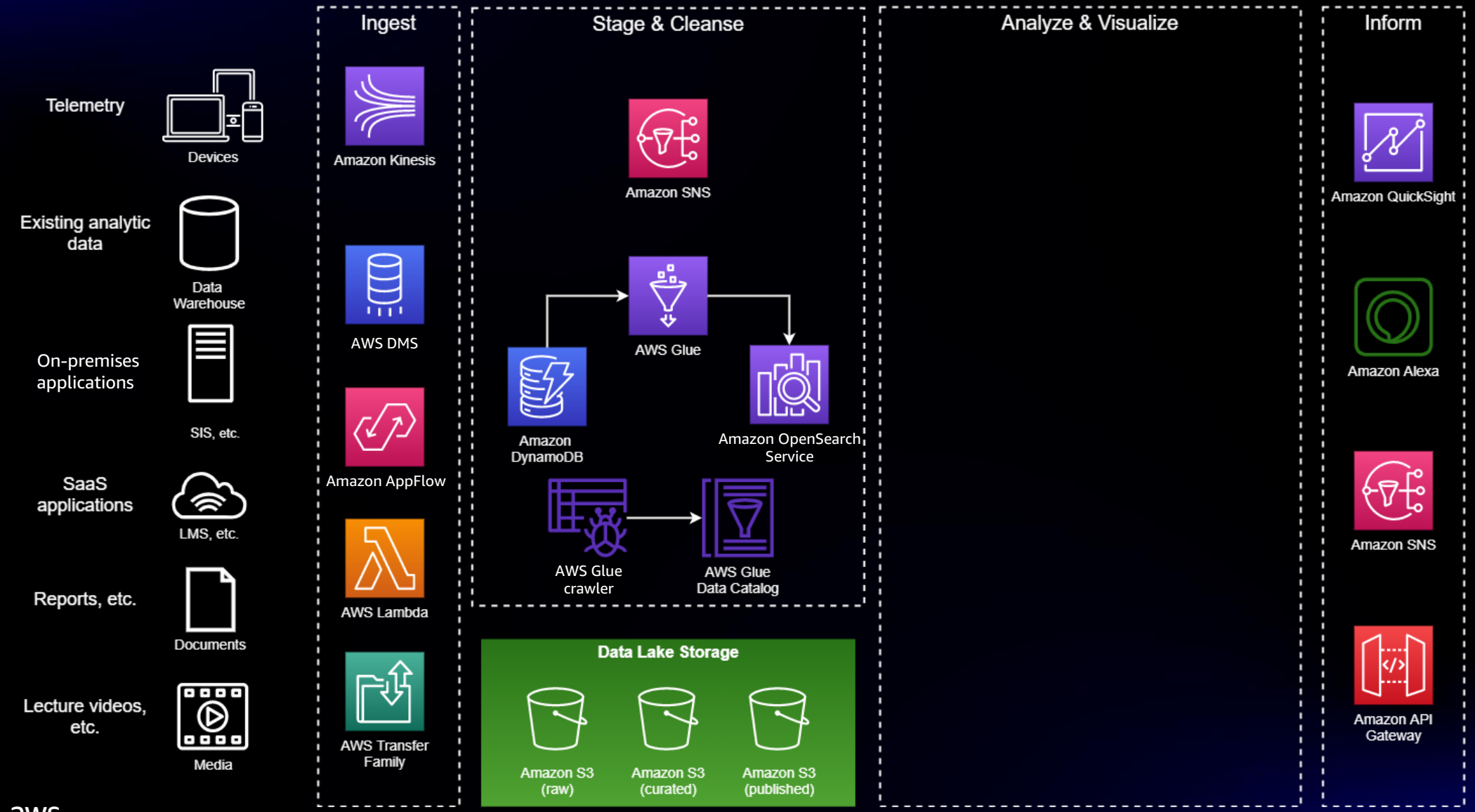

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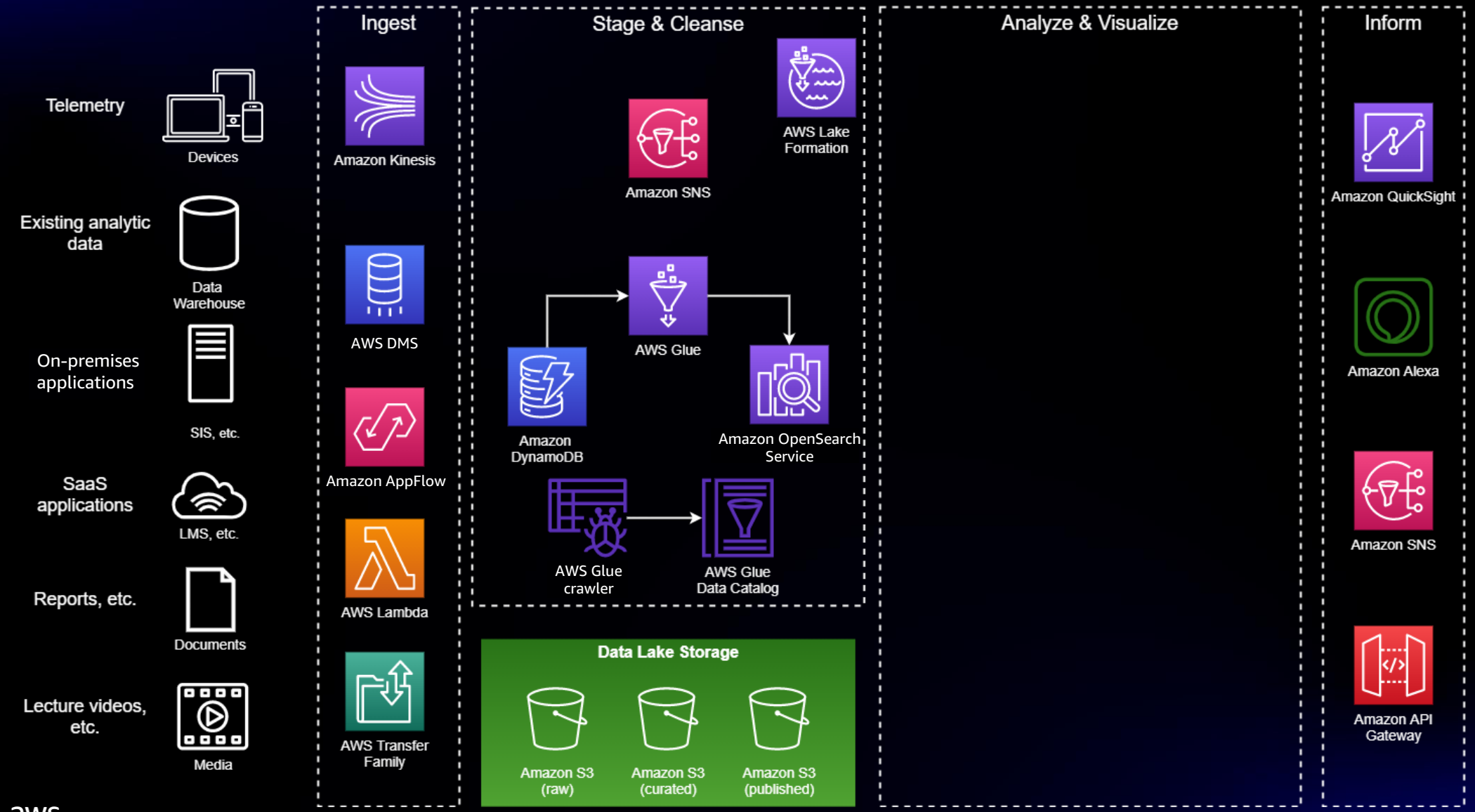

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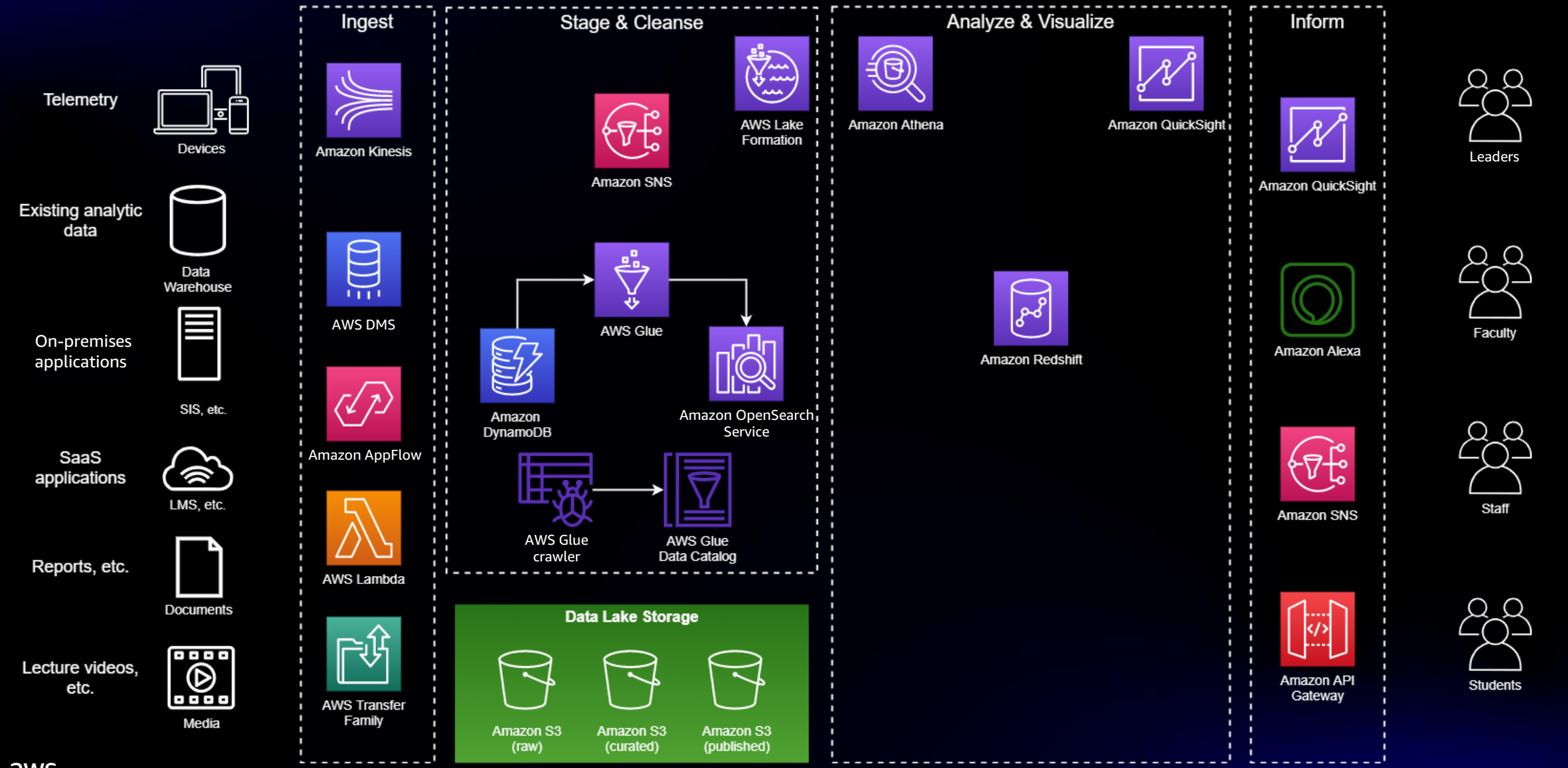

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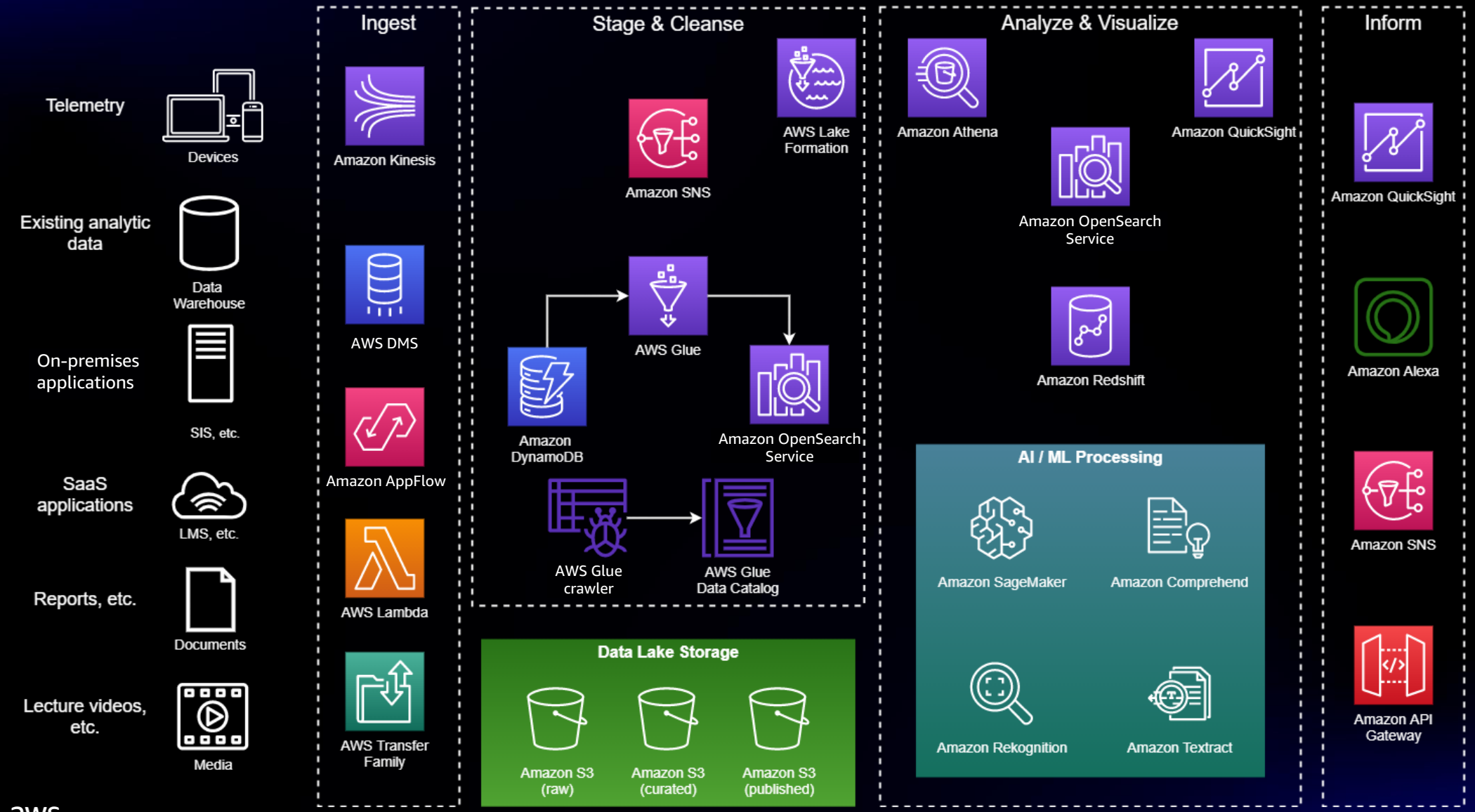

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# Thank you!

Craig Jordan
craijord@amazon.com

Marc Adlam
dlmrc@amazon.com

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