

Integrating Multi-Cloud in Snowflake

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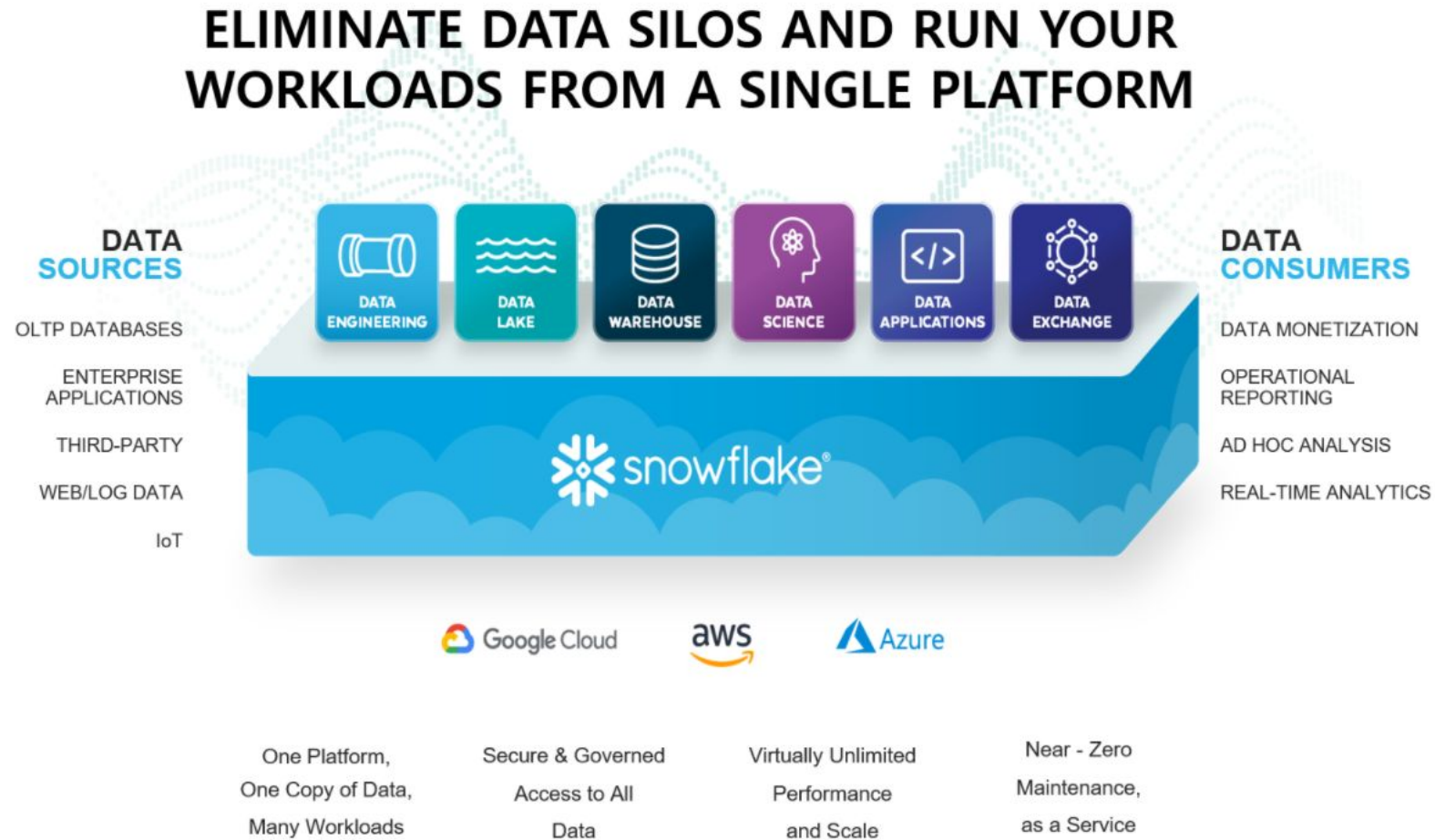
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- I. Snowflake 개요
- II. Continuous Loading을 위한 Snowflake 활용 방안
- III. Snowflake 데모 시연
- IV. 기대효과
- V. 3개월 간의 여정
- VI. Q&A

I. Snowflake 개요

I. Snowflake 개요

- Overview

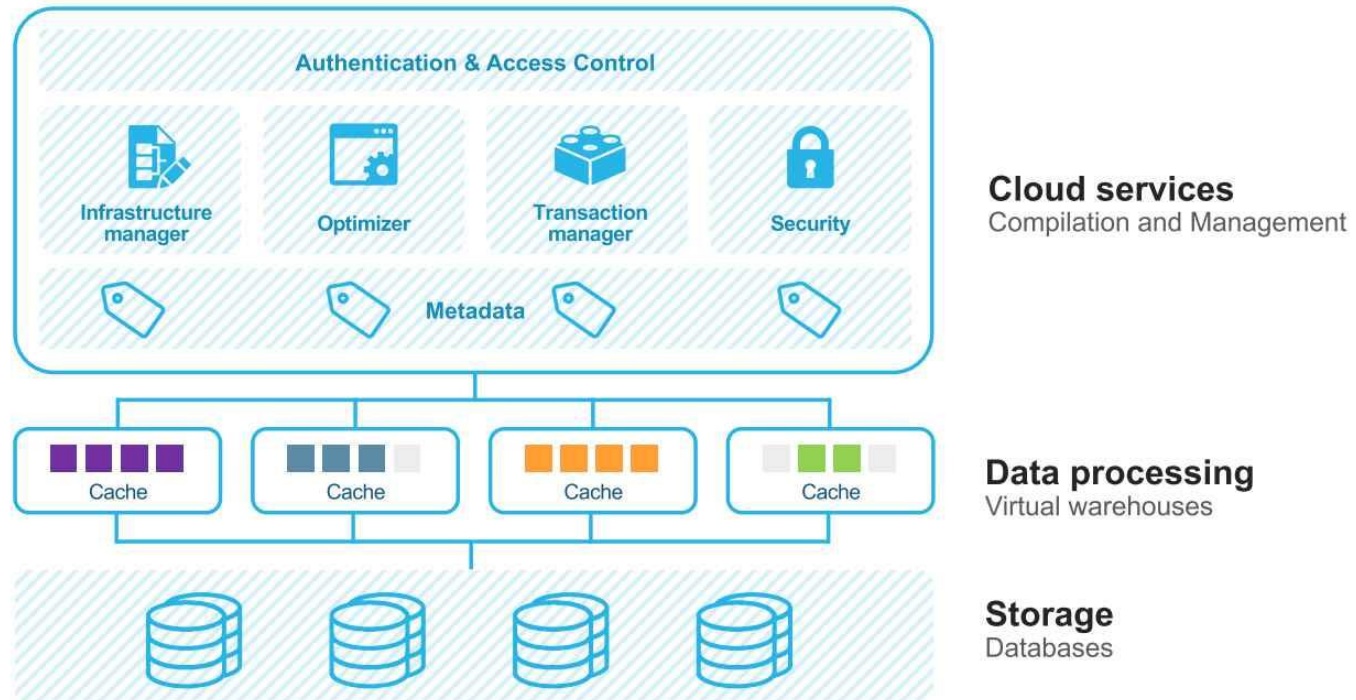


I. Snowflake 개요

- Snowflake Architecture

SNOWFLAKE SERVICE

Three independent layers



I. Snowflake 개요

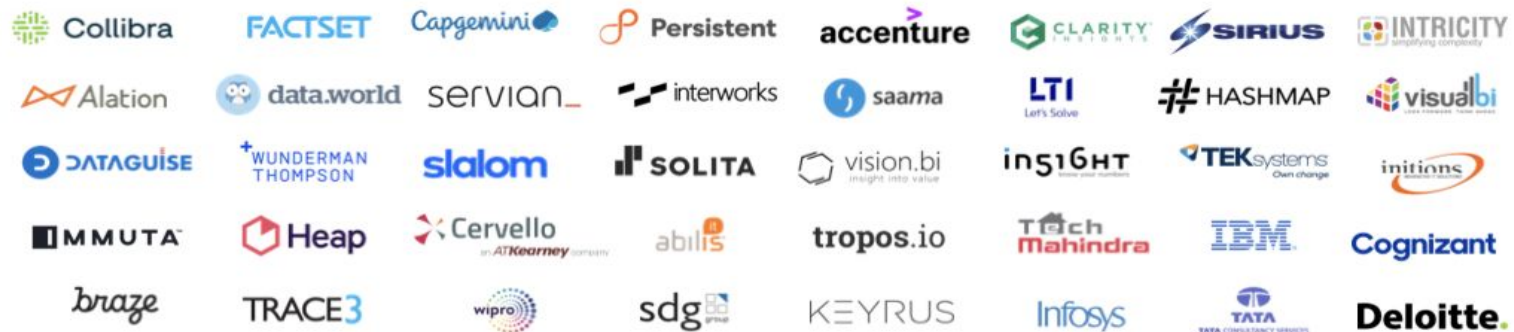
- 정의

Snowflake의 Prominence

GLOBAL SNOWFLAKE



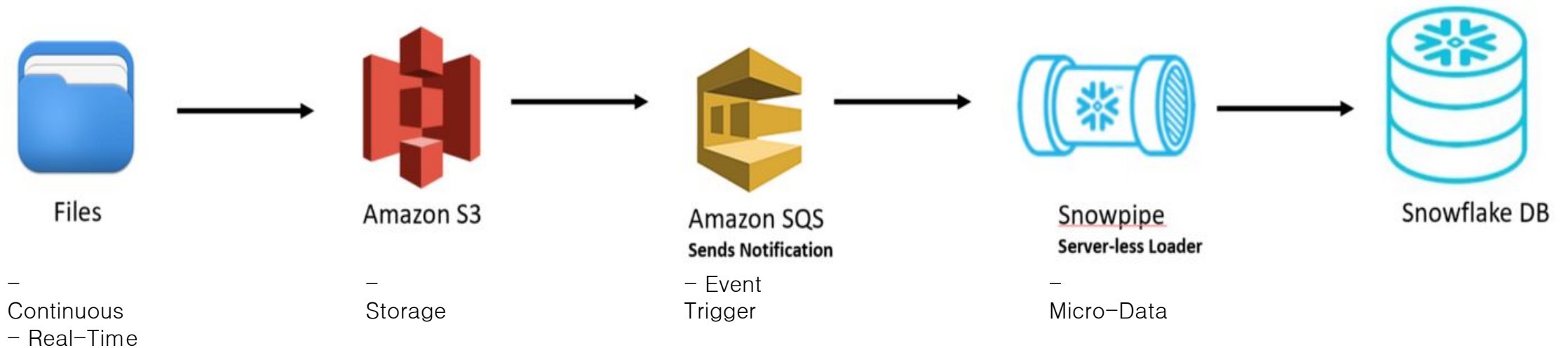
EVER EXPANDING ECOSYSTEM



II. Continuous Loading을 위한 Snowflake 활용 방안

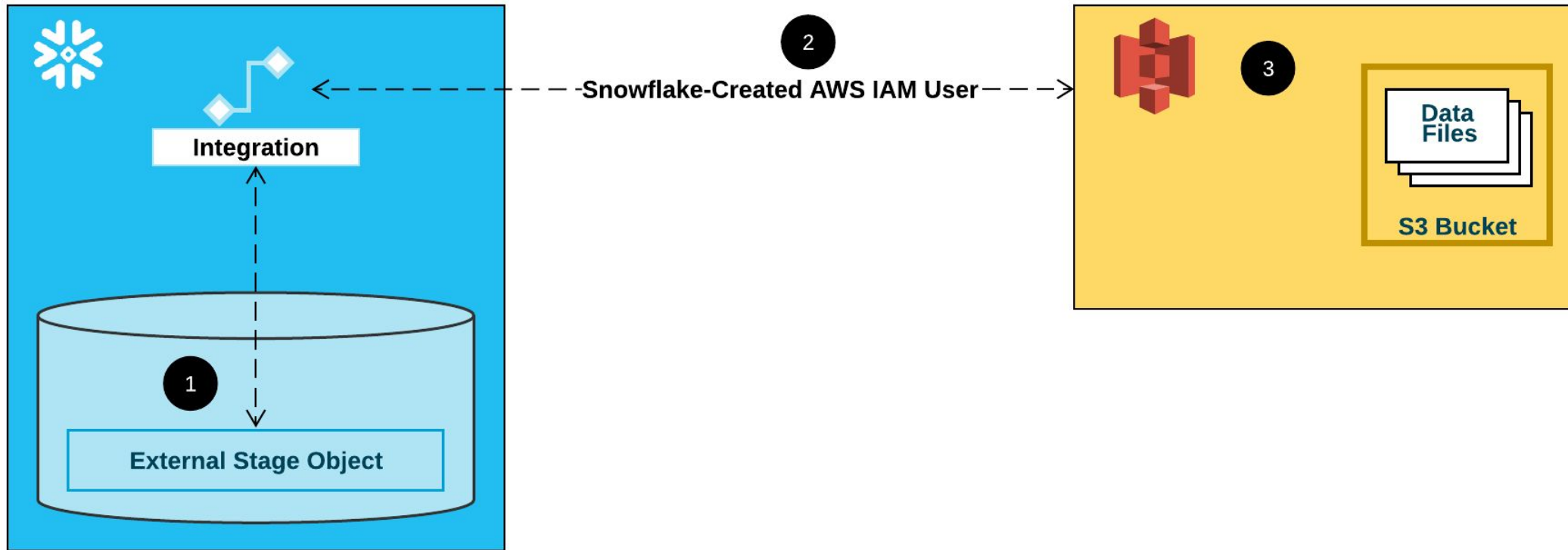
II. Continuous Loading을 위한 Snowflake 활용 방안

- What is Continuous Loading and why?
- Snowpipe auto-ingest process flow for Amazon S3



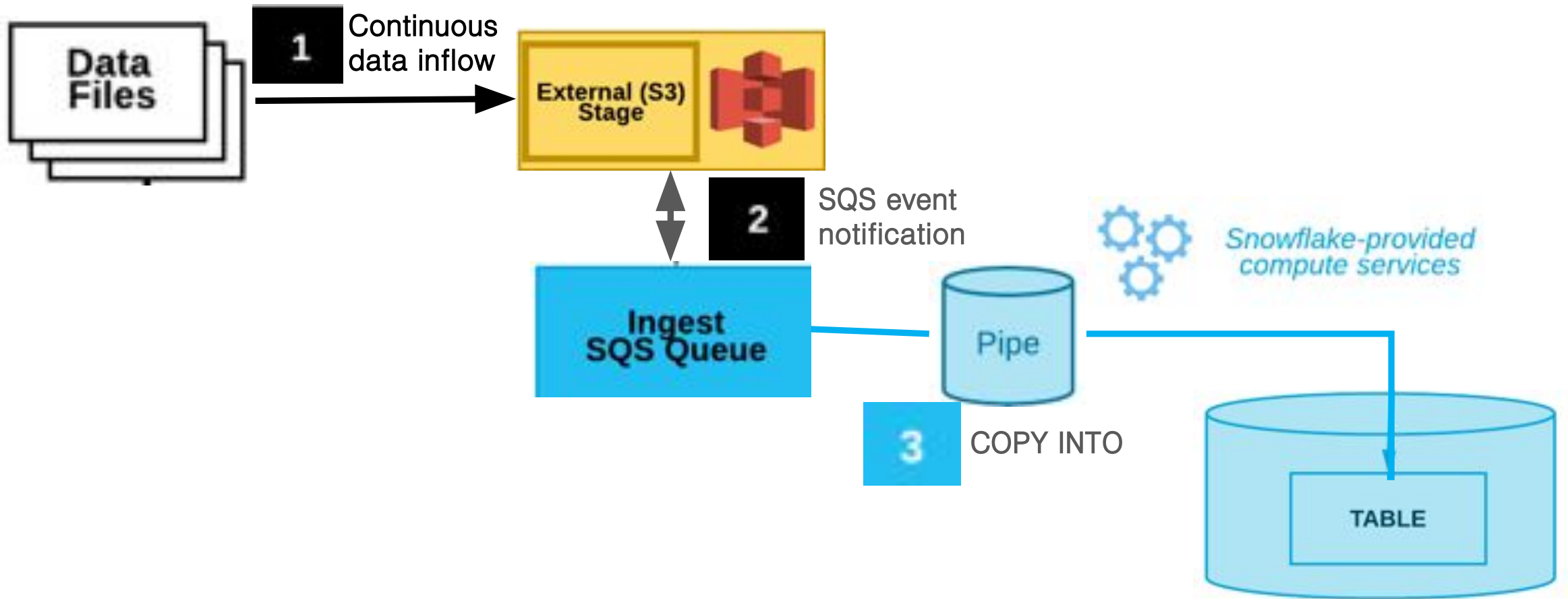
II. Continuous Loading을 위한 Snowflake 활용 방안

- Overview
- Integration flow for a S3 Bucket & Snowflake Stage



II. Continuous Loading을 위한 Snowflake 활용 방안

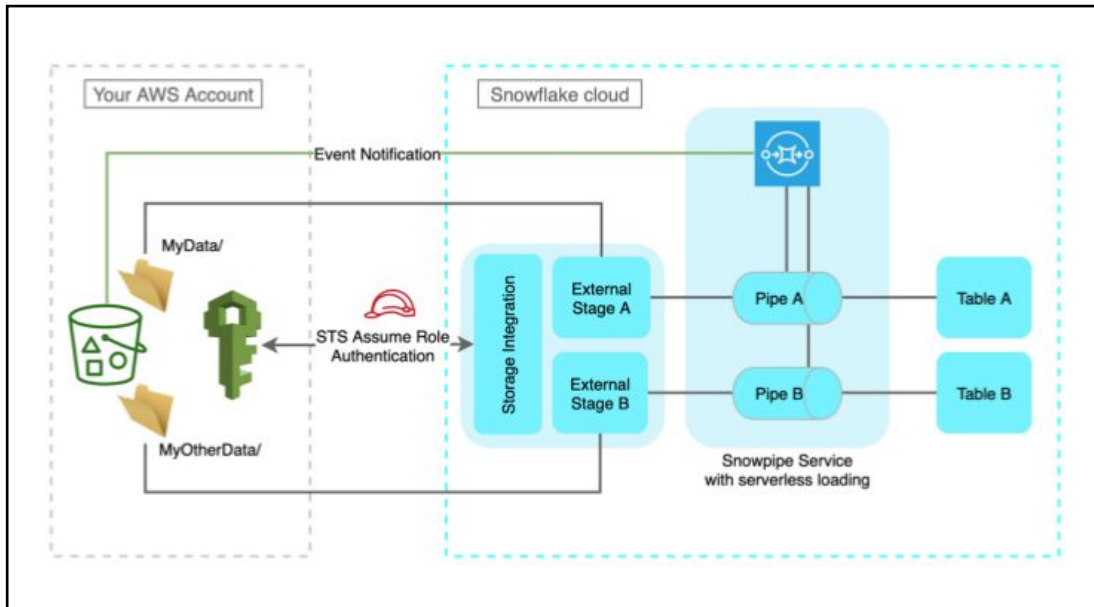
- Overview
- Automating Snowpipe for Amazon S3



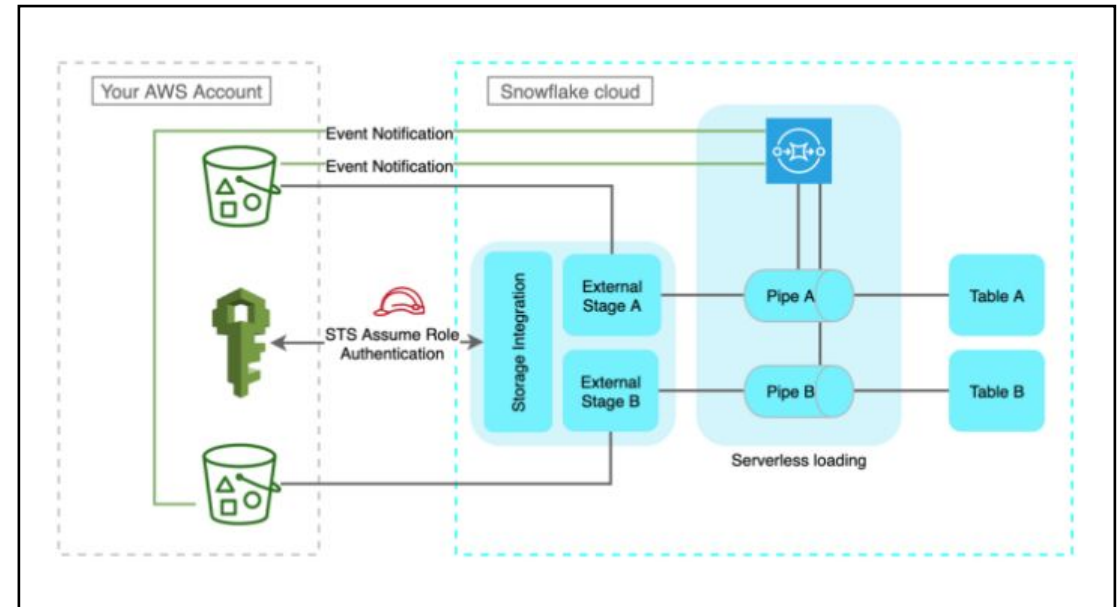
II. Continuous Loading을 위한 Snowflake 활용 방안

- Snowflake의 Snowpipe 활용 예시
- I. 한 S3 버킷에 데이터가 든 파일 경로가 여러 개 존재할 경우
- II. 여러 개의 S3 버킷에 데이터가 존재할 경우

I

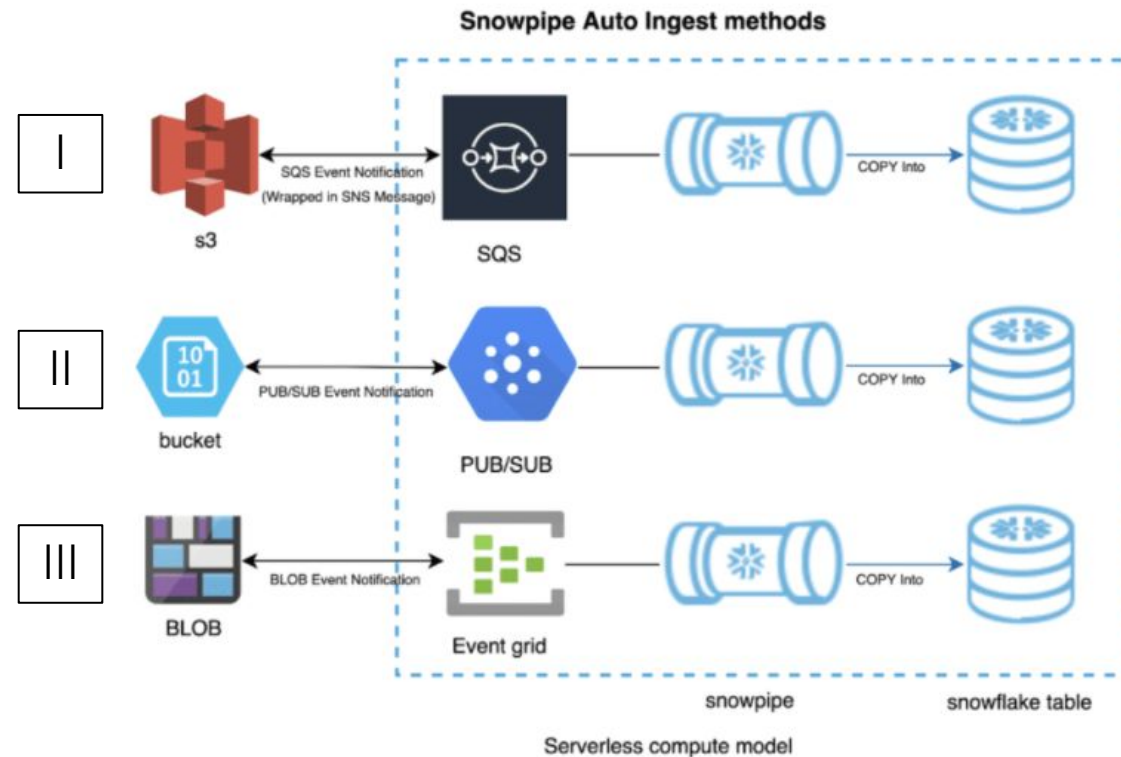


II



II. Continuous Loading을 위한 Snowflake 활용 방안

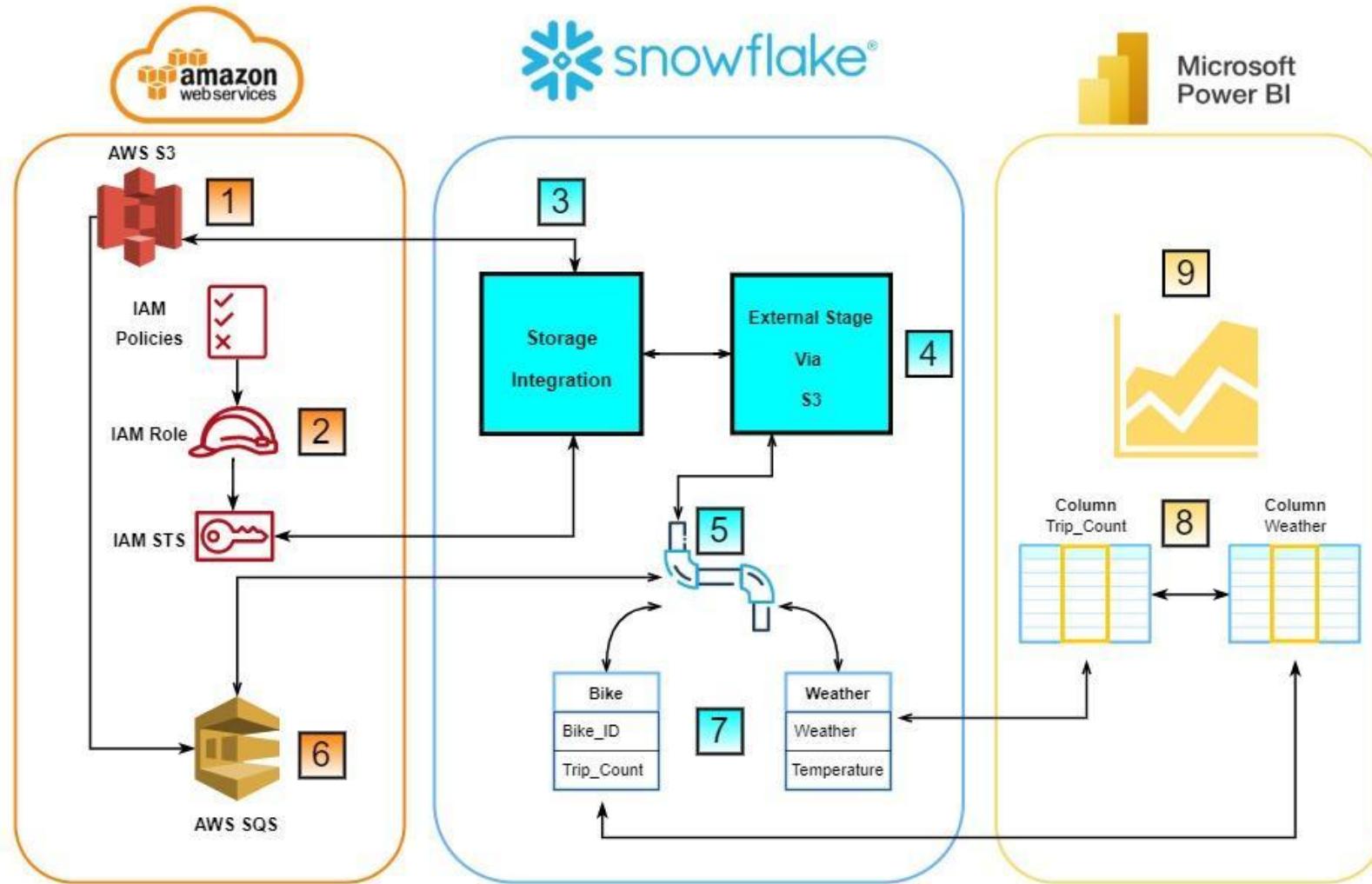
- Snowflake의 Snowpipe 활용 예시
- I. AWS S3 → SQS → Event Notification → Snowpipe → Snowflake Table
- II. AZURE BLOB → Event Grid → Event Notification → Snowpipe → Snowflake Table
- III. Google Bucket → PUB/SUB → Event Notification → Snowpipe → Snowflake Table



III. Snowflake 데모 시연

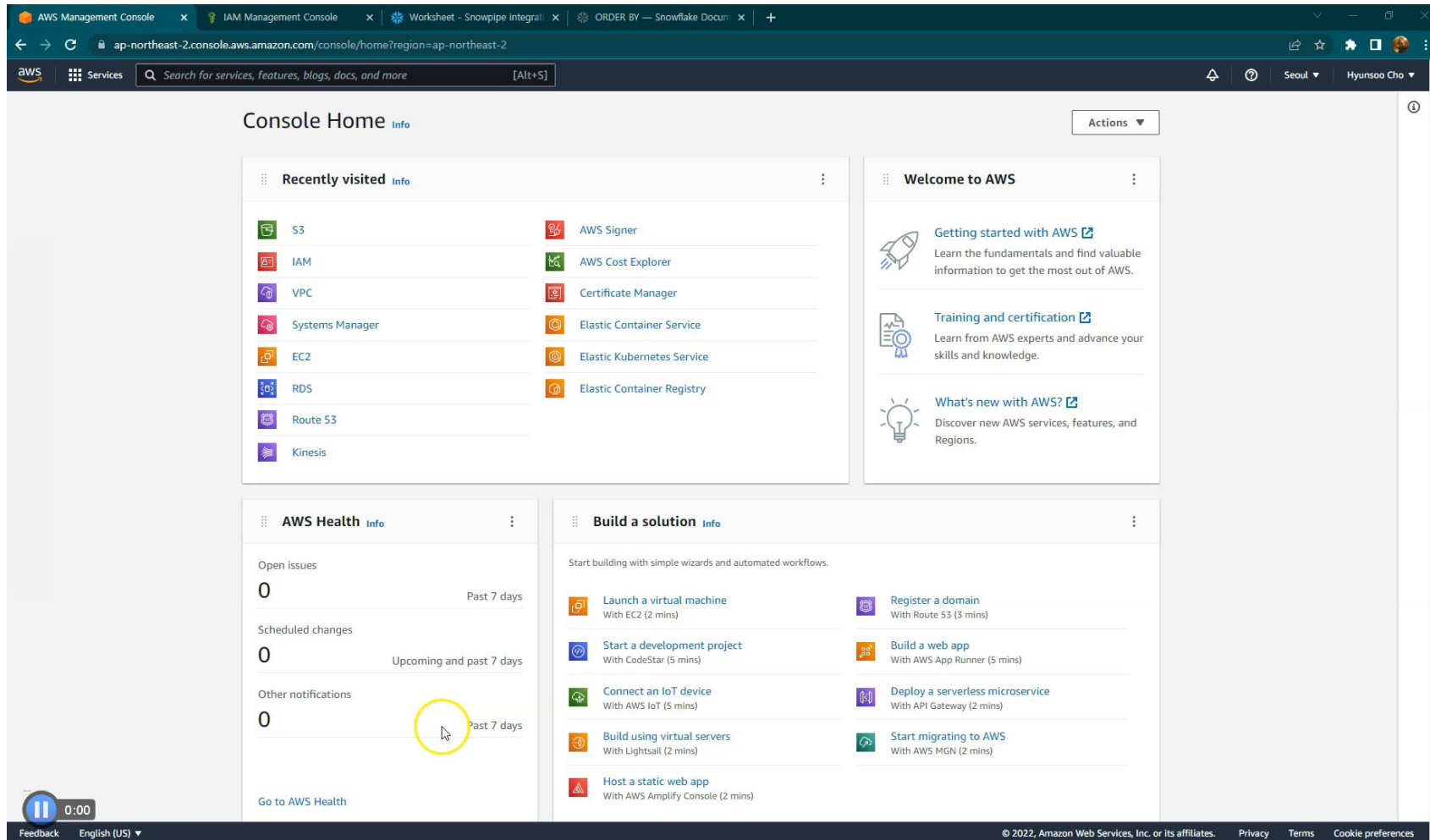
III. Snowflake 데모 시연

- 데모 영상에서 진행되는 워크플로우 순서



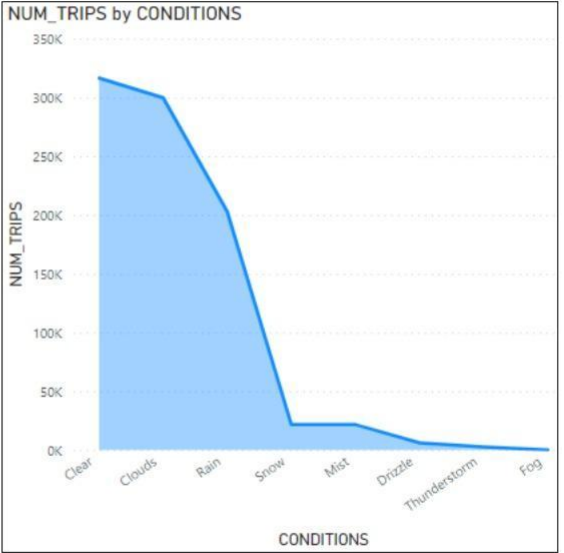
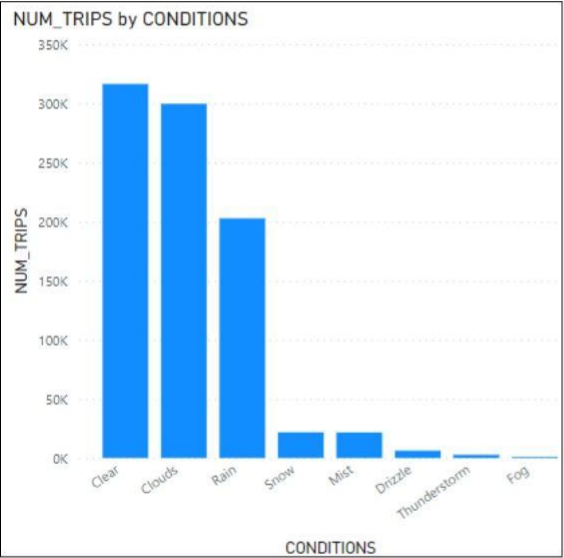
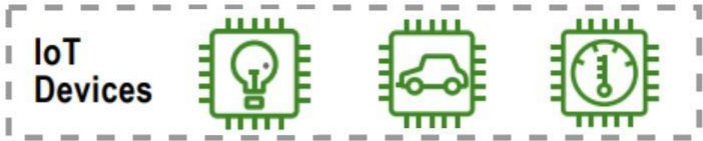
III. Snowflake 데모 시연

- 동영상 시연



III. Snowflake 데모 시연

• 데모 영상 Summary



IV. 기대효과

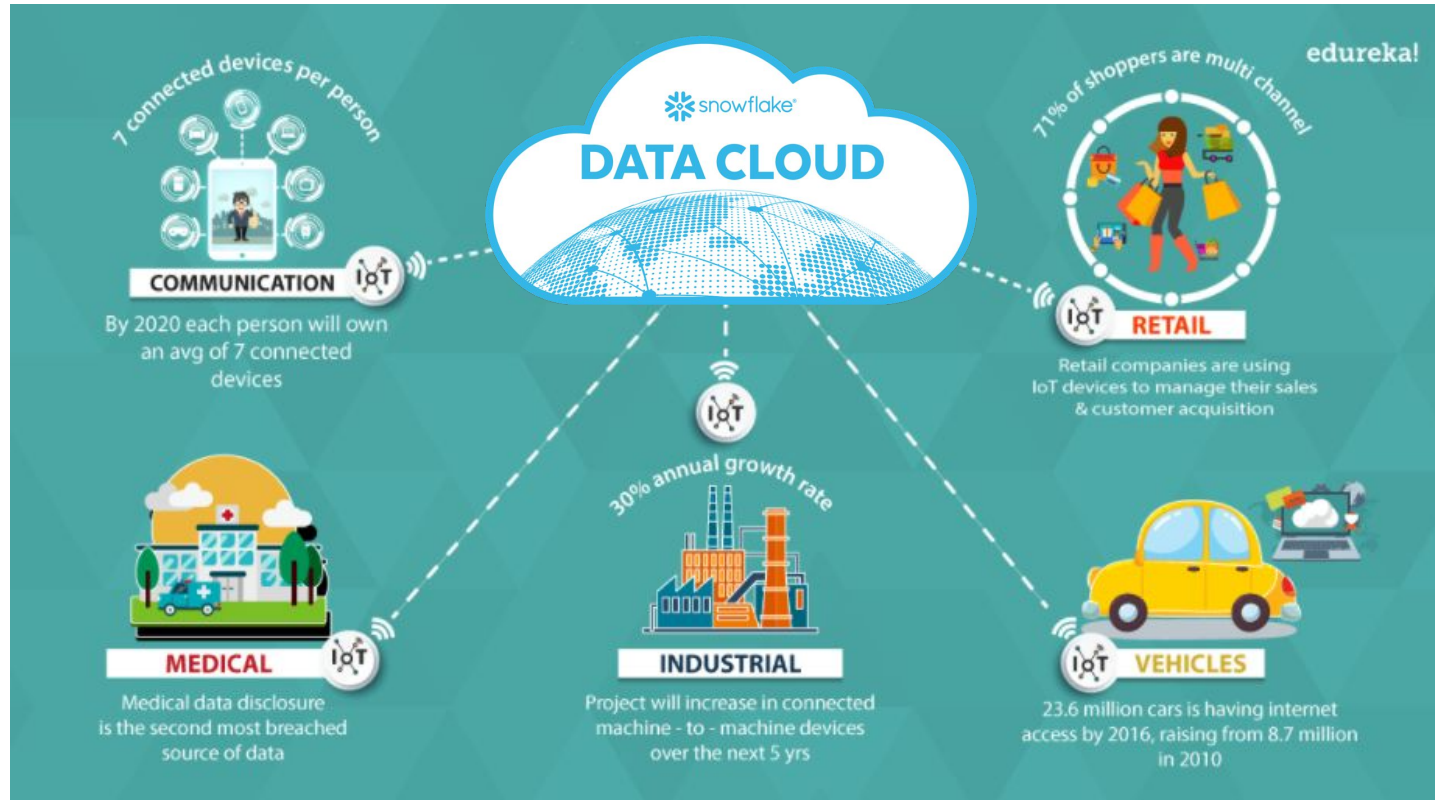
IV. 기대효과

- 장점



IV. 기대효과

- 활용 분야 및 적용 사례



SIEMENS

PACCAR Inc

asics

YAMAHA

CEMEX

KOMATSU

purple

CISCO

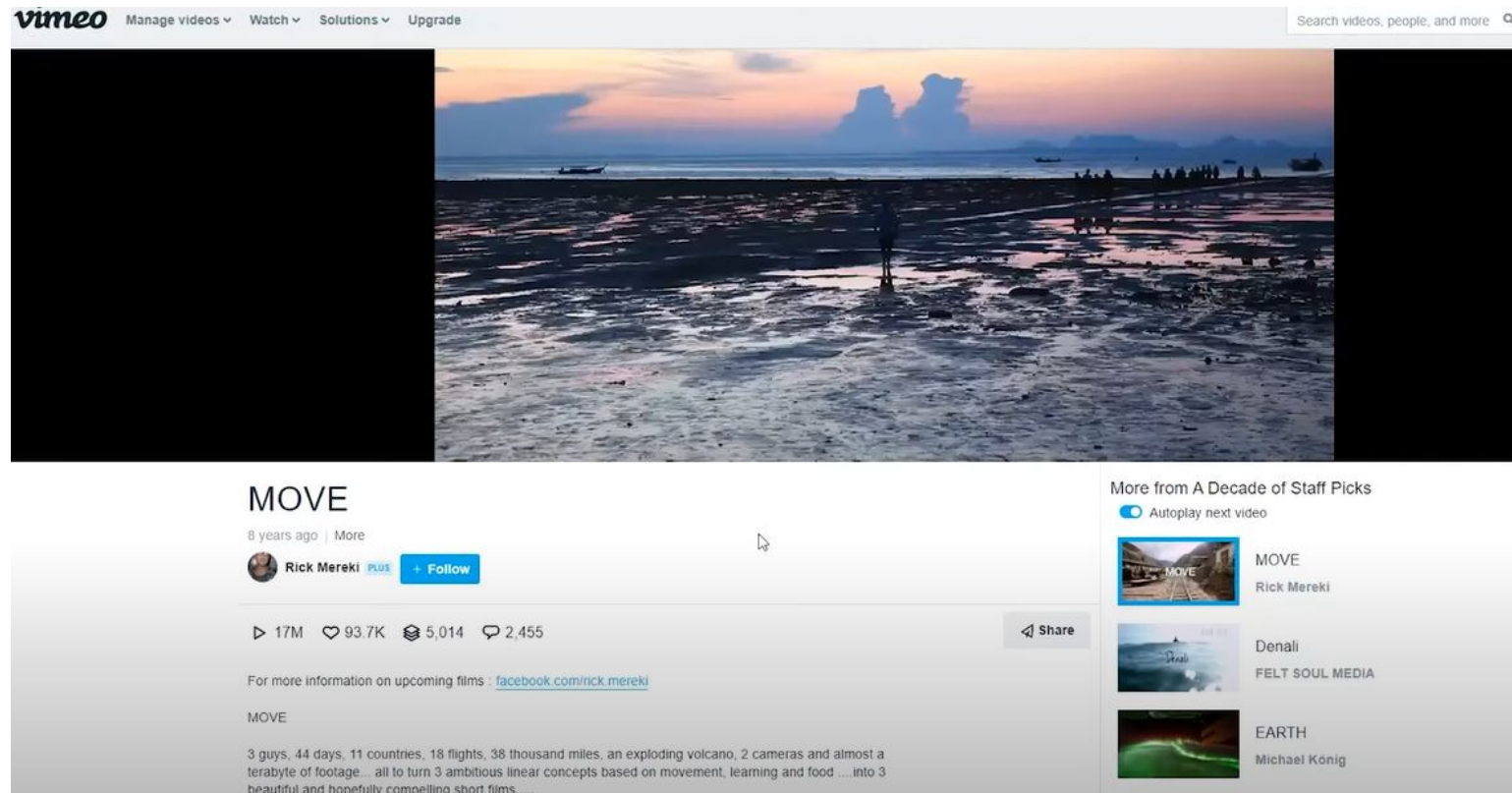
MICHELIN
A BETTER WAY FORWARD

Micron

IV. 기대효과

- 적용 사례

vimeo



Thank you

인텔리전트 융합 솔루션 전문기업

(주)한컴MDS

