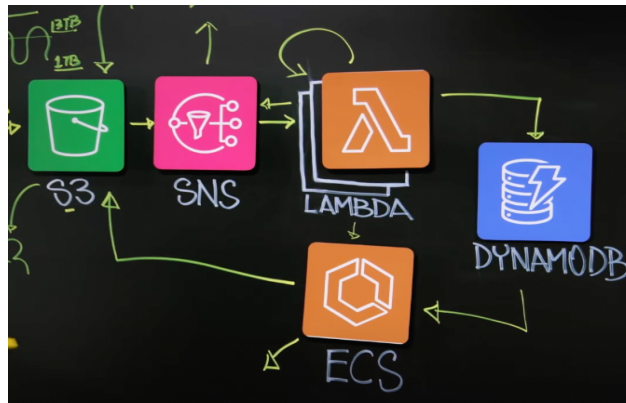Company Name: **Autodesk**
Video Link: https://www.youtube.com/watch?v=ZNt9qI_LIPk

Solution: **Product Usage Real-Time Analytics Using an Event Driven Architecture**

Autodesk Data Platform switches from a **batch processing model on EC2 monoliths** to an **event-based** one running on AWS Lambda.

Challenges faced before moving to AWS:
- Monolith application which poorly process the fluctuation in the size of the data.
- Lambda's Processing time. Because processed data and meta data stored in S3. S3 is not compactable for low latency and high throughput operations. DynamoDB which handle high throughput and low latency.

AWS SERVICES mentioned:

1. **S3:** Object storage built to retrieve any amount of data from anywhere. https://aws.amazon.com/s3/

2. **Amazon SNS (Simple Notification Service):** Fully managed pub/sub messaging, SMS, email, and mobile push notifications. https://aws.amazon.com/sns/

3. **AWS Lambda**: Run code without thinking about servers or clusters. https://aws.amazon.com/lambda/

4. **Amazon DynamoDB:** Fast, flexible NoSQL database service for single-digit millisecond performance at any scale. https://aws.amazon.com/dynamodb/

5. **Amazon ECS** (Elastic Container Service): Run highly secure, reliable, and scalable containers. Async RESTful API service. https://aws.amazon.com/ecs/

Future Enhancement:
- Bring Managed SQS for handling the data.