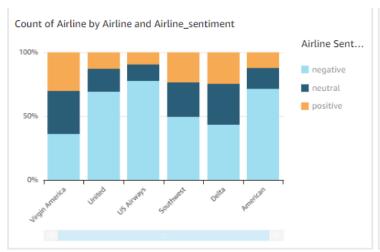
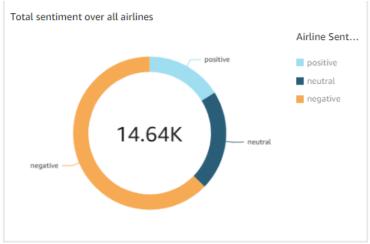
# Al-Driven Social Media Dashboard

**Mohamed Farid** 

### Sentiment Analysis Dashboard

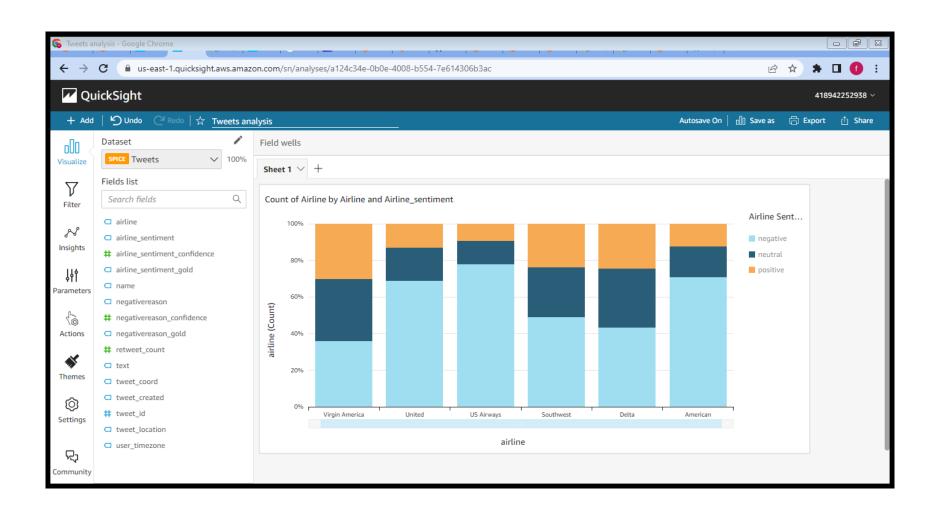




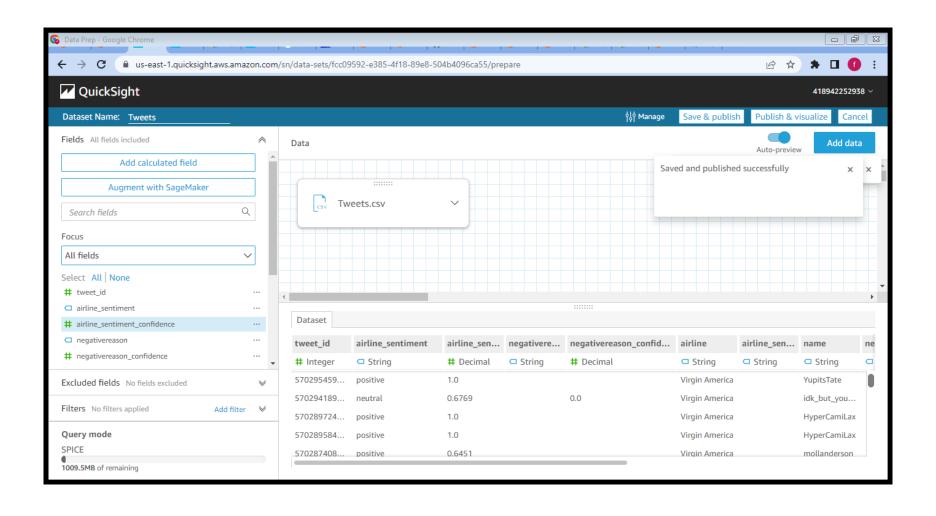




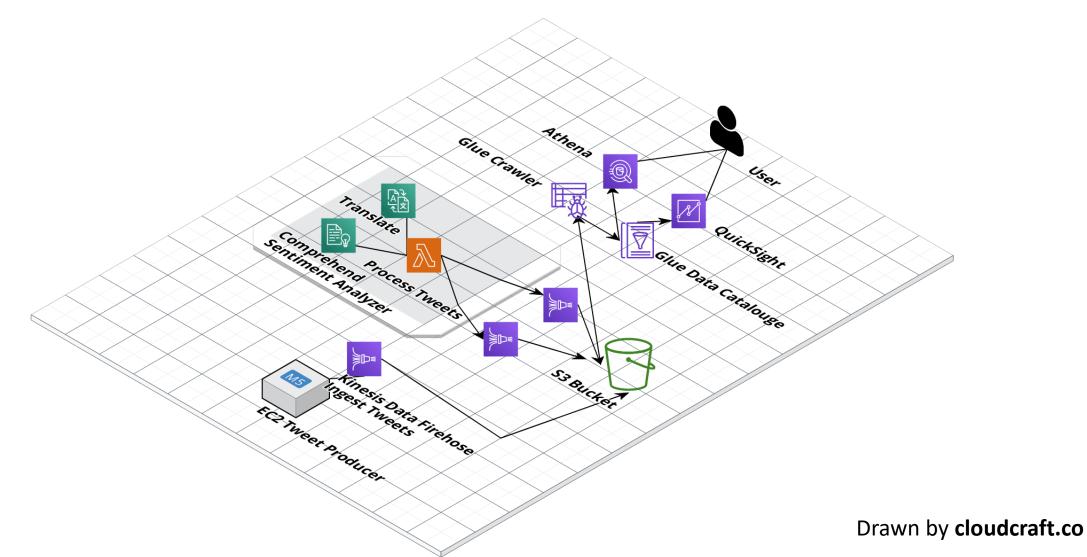
#### Sentiment Analysis Dashboard



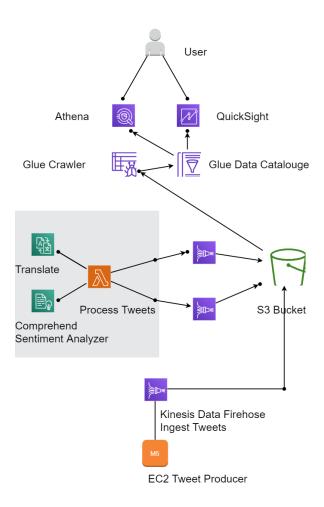
#### Sentiment analysis processed data



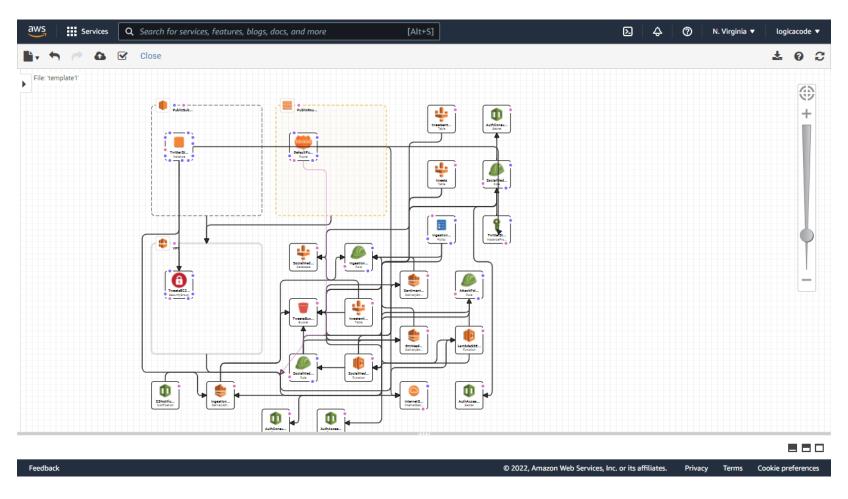
#### System architecture

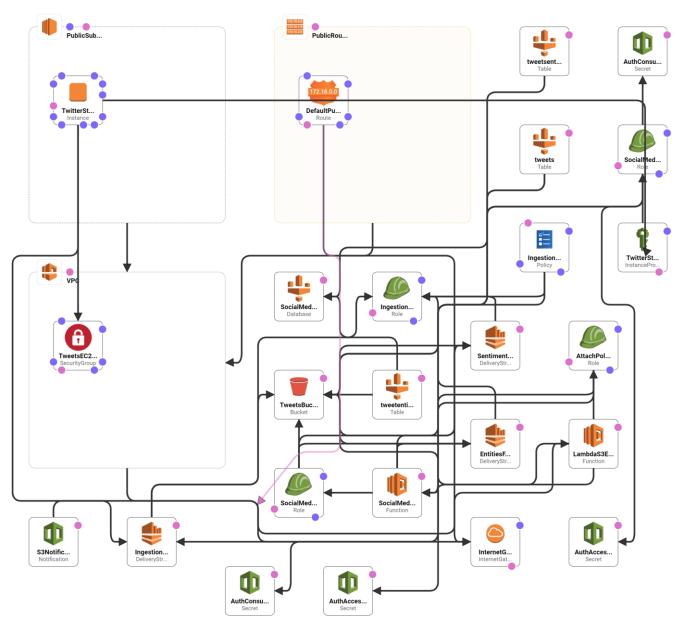


#### System architecture



### System architecture (detailed)

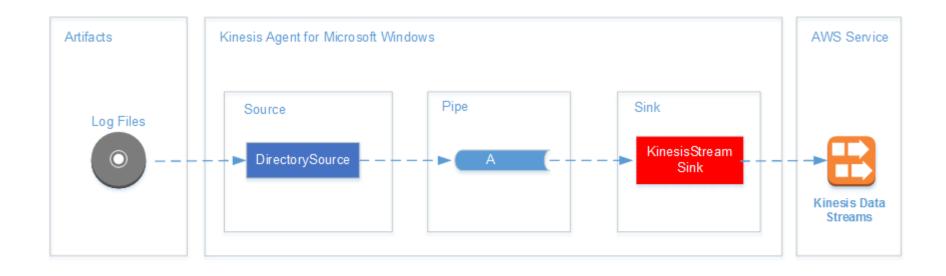


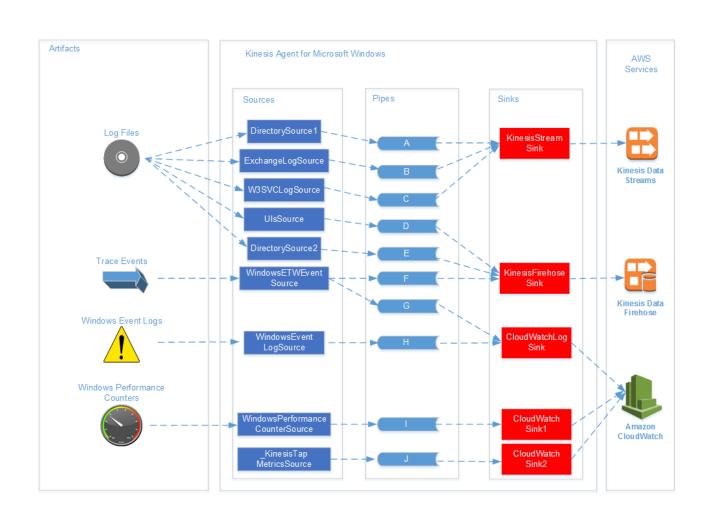


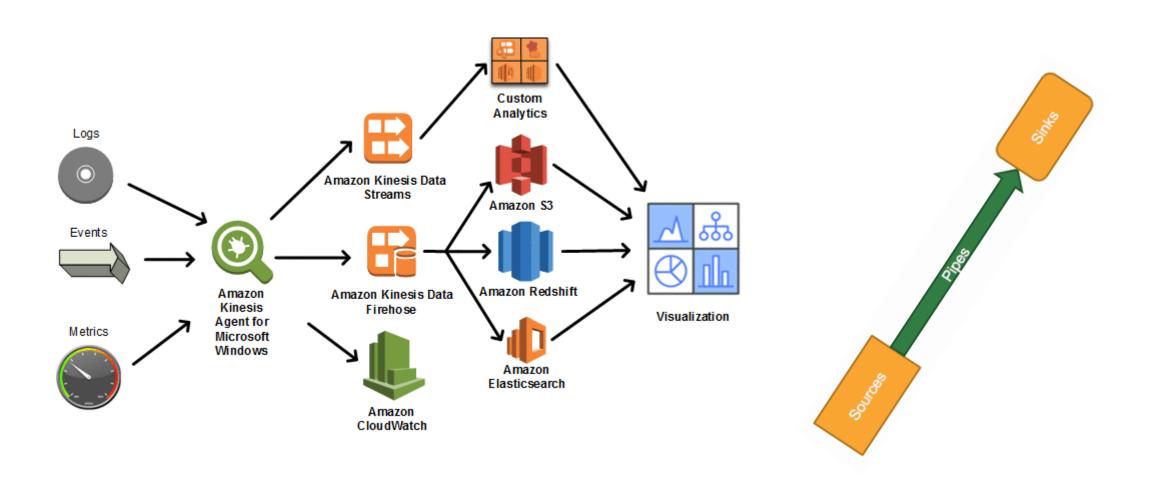
#### Sending data from the json file

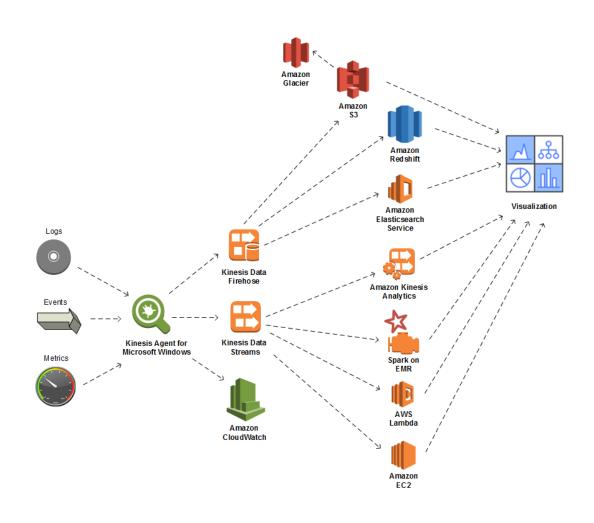
- Instead of writing another program to stream the content of the json file
- We decided to use AWS solution
- AWS kinesis agent for Windows
- Can run on local PC or AWS Cloud EC2 Windows
- Configure the agent to send the content to the AWS kinesis firehose
- Define in a json configuration file the source, sink abd pipline
- Run from PowerShell







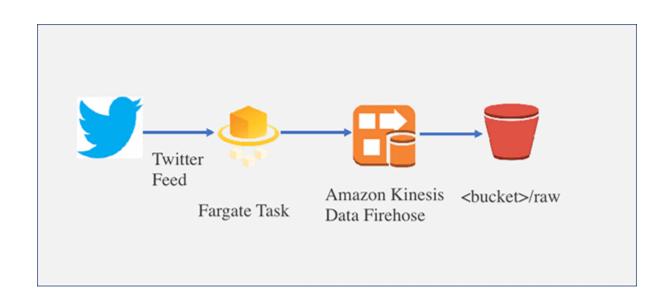




#### More advanced Architecture

- AWS Fargate is a technology for Amazon Elastic Container Service (ECS) that allows you to run containers without having to manage servers or clusters.
- With AWS Fargate, you no longer have to provision, configure, and scale clusters of virtual machines to run containers. This removes the need to choose server types, decide when to scale your clusters, or optimize cluster packing.

## Build a serverless Twitter reader using AWS Fargate



### Build a serverless Twitter reader using AWS Fargate

