

The AWS logo, consisting of the lowercase letters "aws" in a dark blue, sans-serif font. A thick orange curved arrow starts under the 'a' and points towards the 's'.

partner
network

Analisis de Sentimiento

Con ML

Qué vamos a ver hoy?

Crear un sistema que
collecte Tweets basados
en hastag o palabras
claves, entender el
contenido, analizarlos y
visualizarlos en un
dashboard con QuickSight

Capture Tweets in real-time
Machine Translation
Entity and KeyPhrase
Sentiment Analysis
Durably Save results



Sentiment Analysis

SENTIMENT ANALYSIS



NEGATIVE

Totally dissatisfied with the service. Worst customer care ever.



NEUTRAL

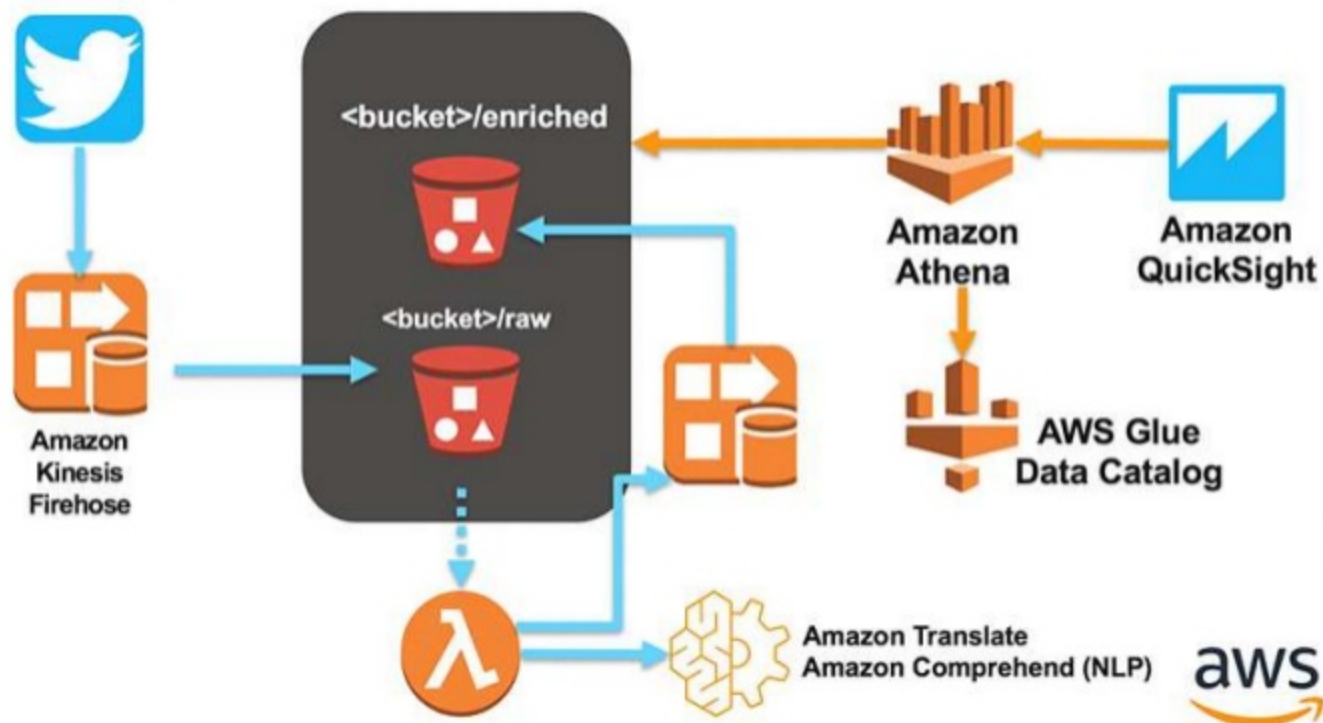
Good Job but I will expect a lot more in future.



POSITIVE

Brilliant effort guys! Loved Your Work.

Arquitectura de Referencia



CloudFormation

Launch Stack

```
AWSTemplateFormatVersion: '2010-09-09'
Description: 'AWS CloudFormation template for the Social Media Analysis AI Ring Poet'
```

Parameters:

TwitterApiKey:
Type: String
Description: The name of the private key file to use for S3/S3P access. You shouldn't need to do any S3 access, but just in case

TwitterSecretKey:
Type: String
Description: List of home for twitter to states to

TwitterLanguages:
Type: String
Description: List of languages to use for the twitter streaming reader

TwitterAuthConsumerKey:
Type: String
Description: Consumer key for access twitter

TwitterAuthConsumerSecret:
Type: String
Description: Consumer Secret for access twitter

TwitterAuthAccessToken:
Type: String
Description: Access Token Secret for calling twitter

TwitterAuthAccessSecret:
Type: String
Description: Access Token Secret for calling twitter

ApplicationName:
Type: String
Description: Name of the application deploying for the Social Media Analysis

IPCIDR:
Type: String
Description: Please enter the IP range (CIDR notation) for this VPC
Default: 10.100.0.0/16

PublicSubnetCIDR:
Type: String
Description: Please enter the IP range (CIDR notation) for the public subnet in the first Availability Zone
Default: 10.100.10.0/24



Twitter API KEY

<https://apps.twitter.com/app/new>

Collectando Tweets



Amazon EC2



Amazon Kinesis
Firehose



bucket with
objects



Amazon
S3

Procesando Tweets NLP - Natural Language Processing



Amazon Comprehend



Social media posts, emails,
web pages, documents,
phone transcripts



Amazon Comprehend
Automatically extract key
phrases, entities, sentiment,
language, and topics



Entities



Key Phrases



Language



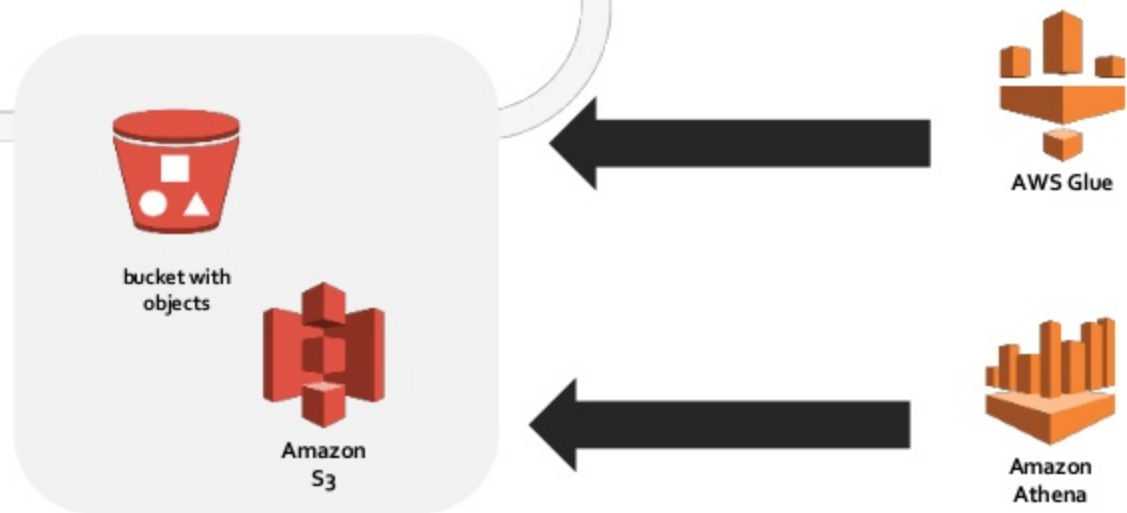
Sentiment



Topics

Extracted data and topics
with confidence scores

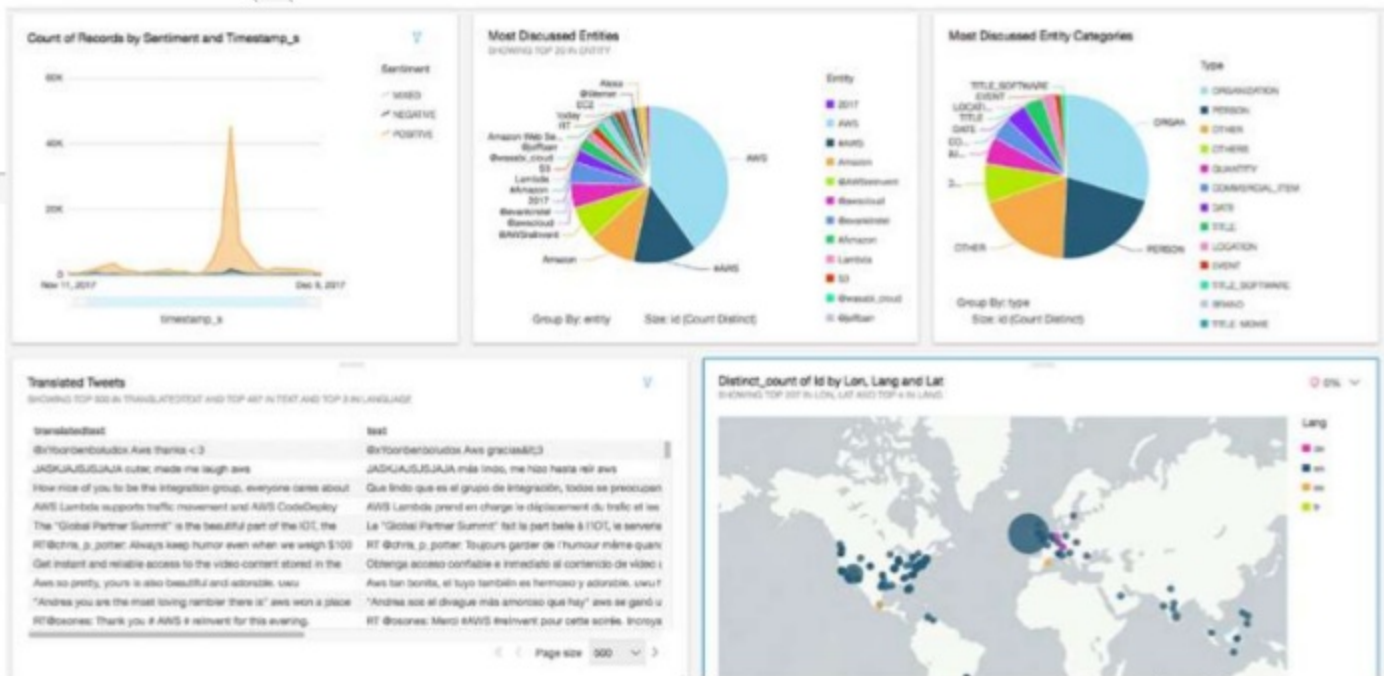
Consultando el DATALAKE



Dashboard - AMAZON Quicksight



Amazon
QuickSight



GRACIAS!



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@mauriff

INCLUIT
Part of **harriague+asociados**