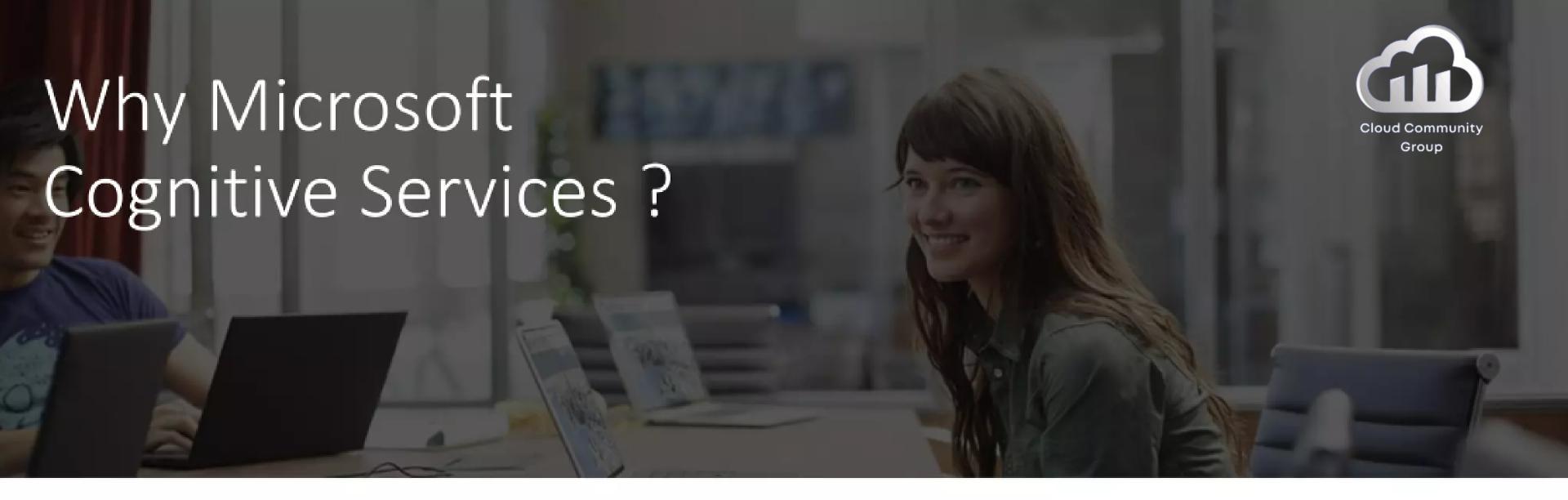




Sentiment Analysis using Azure Cognitive Services



Easy

Roll your own with REST APIs
Simple to add: just a few lines
of code required

Flexible

Make the same API code call on iOS, Android, and Windows

Integrate into the language and platform of your choice

Tested

Built by experts in their field from Microsoft Research, Bing, and Azure Machine Learning

Quality documentation, sample code, and community support

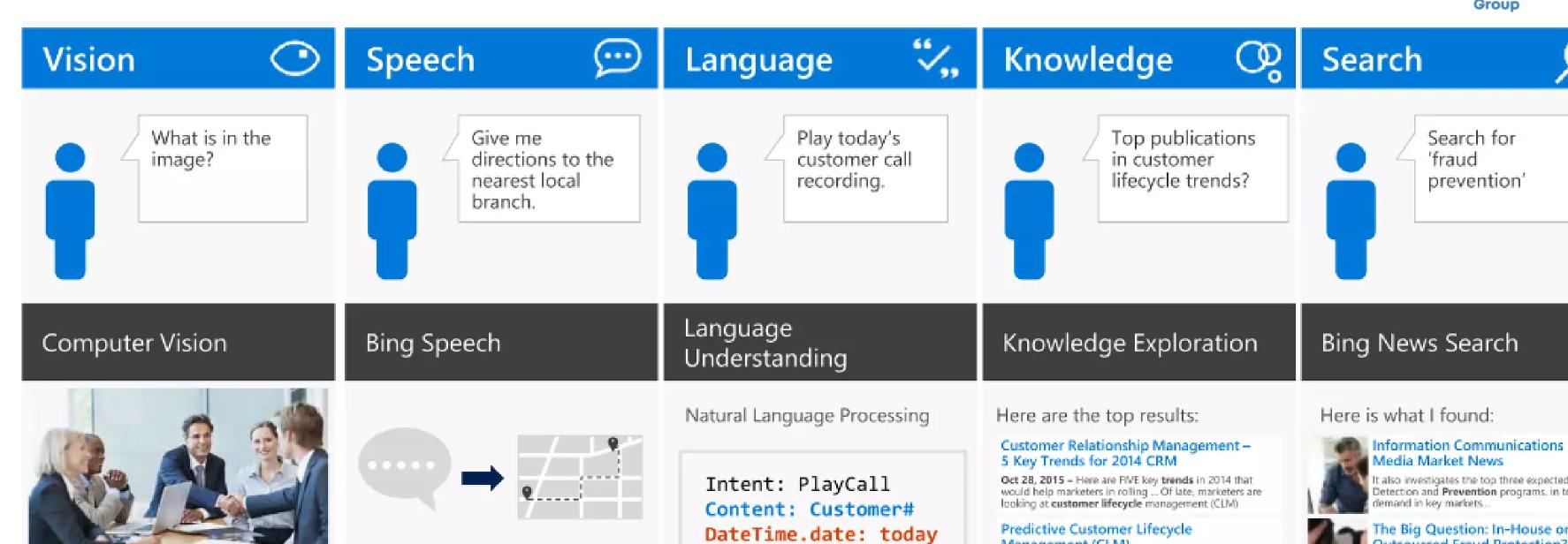






A variety of real-world applications





People; 5 faces Category False/False Adult/Racy? Dominant colors Accent color

Convert spoken audio to text Convert text to spoken audio Extract intent of user



Now Playing

11/29/2016 Customer Call

Management (CLM)

The purpose of Customer Life-cycle Management (CUM) is to maximize both customer retention and ... Predictive trend analysis provides business visibility.

Trends 2016: The Future of Customer Service

Jan 5, 2016 – The top 10 customer service trends for 2015 that ... North American Consumer

Language Around Customer Lifecycles in the Banking Industry View PDF

Bing News Search

'fraud

Here is what I found:

Media Market News It also investigates the top three expected Fraud

Detection and Prevention programs, in terms of demand in key markets...



The Big Question: In-House or Outsourced Fraud Protection?

First, let's point out that there is not one absolute answer—there are "pros" and "cons" to each. Those who favor in-house...

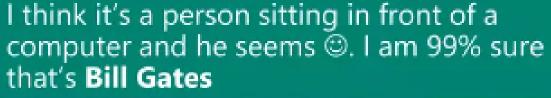


How to Protect Your Business from Online Fraud this Holiday Season

Michael heads fraud prevention tool. Online and nobile shopping are expected to continue

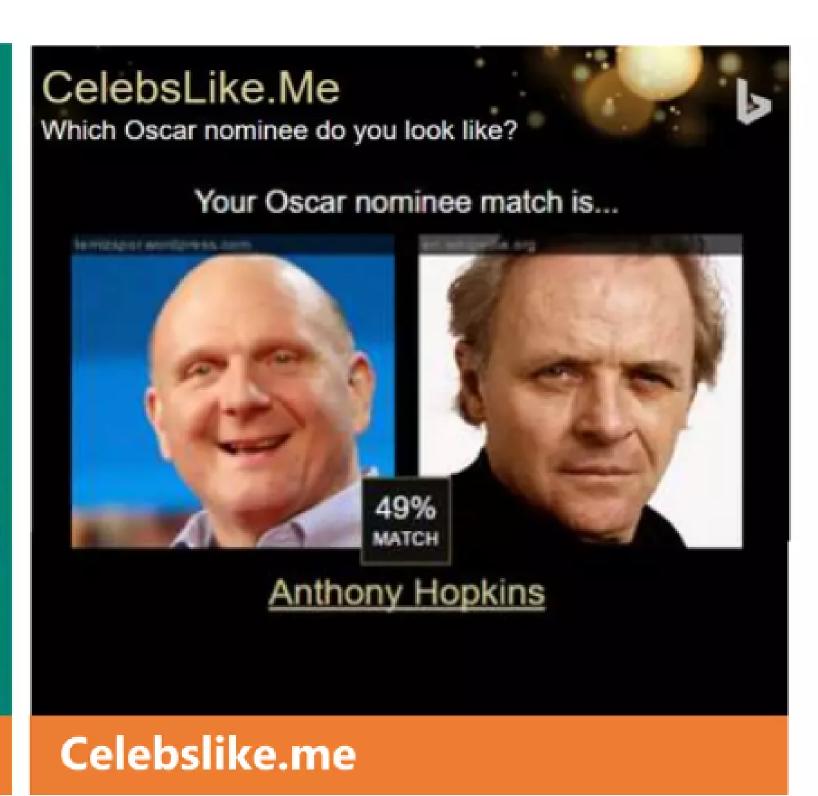
Apps Powered by MS Cognitive Services





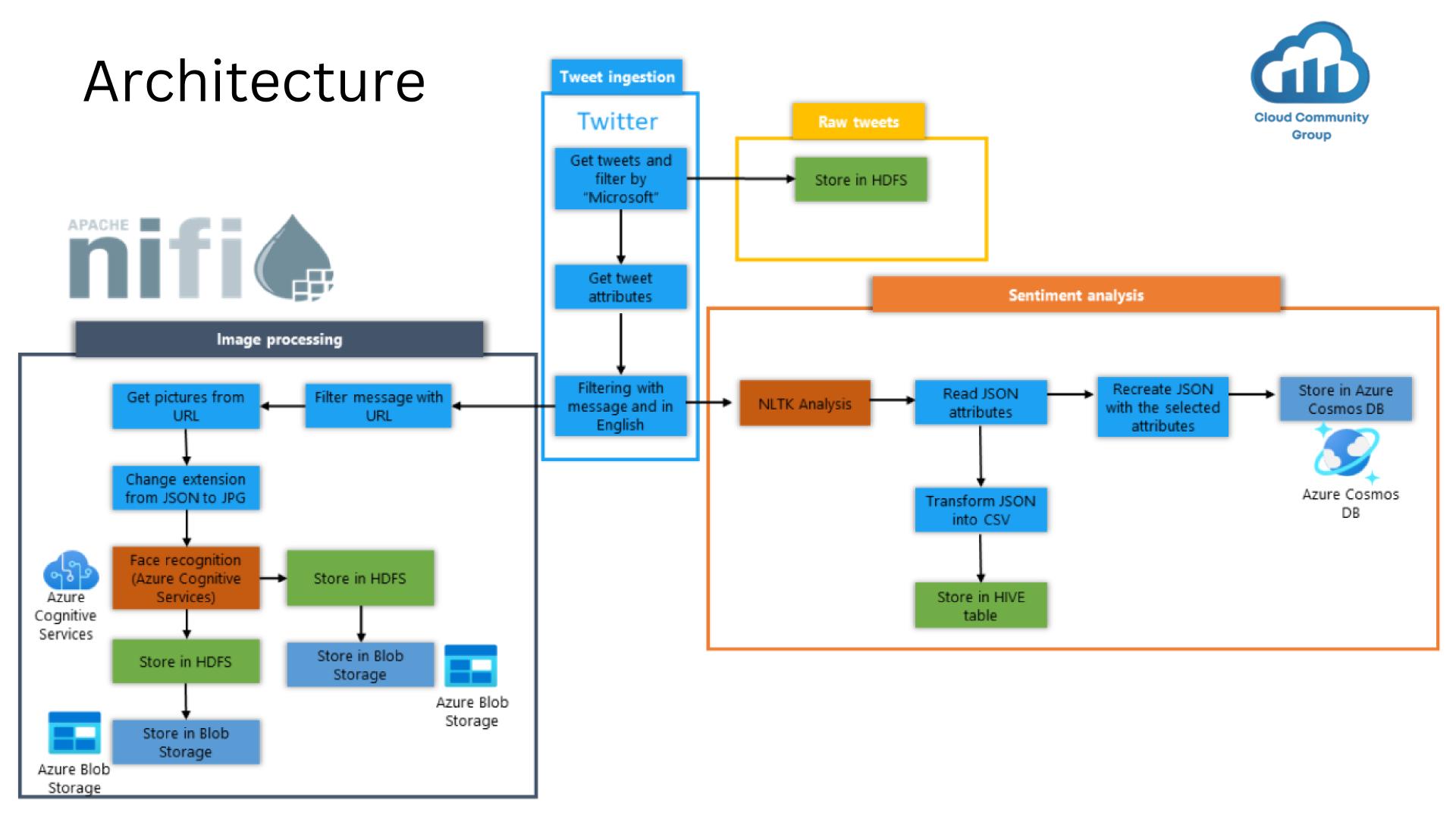


CaptionBot.ai





ProjectMurphy.net



Text Analysis API



Services

Detects Sentiment, Key phrases, Language

- Sentiment Is the text Negative or positive?
- Key Phrases What people are discussing in a single article?
- Language What Language is text written in?

Run sentiment analysis

• A Natural Language Toolkit (NLTK) algorithm runs on the ingested messages. Sentiment analysis runs on the text in the tweets. The results are stored in CSV format in a Hive table, and the JSON data is stored in Azure Cosmos DB.

Ingestion layer

Storage layer

Processing layer

Azure Data Factory

Apache NiFi

Azure HDInsight

Azure Synapse

Azure Cosmos

Azure Cognitive

Azure Cognitive

Azure Cognitive

Azure Cognitive

Azure Synapse

Analytics





Related resources

- Extract, transform, and load (ETL) using HDInsight
- Knowledge mining for customer feedback
- Analyze text with the Language service
- Create and consume Cognitive Services
- Analyze news feeds with near real-time analytics

Contributors

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