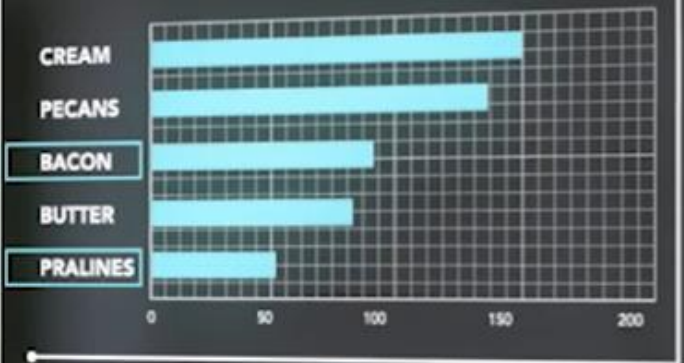
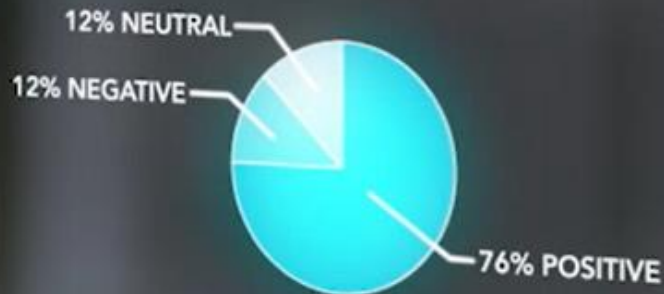


**BEST SELLER:
PECANS & CREAM**

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SENTIMENT ANALYSIS: BACON + PRALINES



The Intelligent Cloud

Vijay K Narayanan

Director, Algorithms and Data Science

Data Group

Microsoft

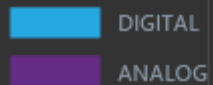


*I believe over the next decade computing will become even more ubiquitous and **intelligence will become ambient**... This will be made possible by an **ever-growing network of connected devices, incredible computing capacity from the cloud, insights from big data, and intelligence from machine learning.***

Satya Nadella,
CEO, Microsoft

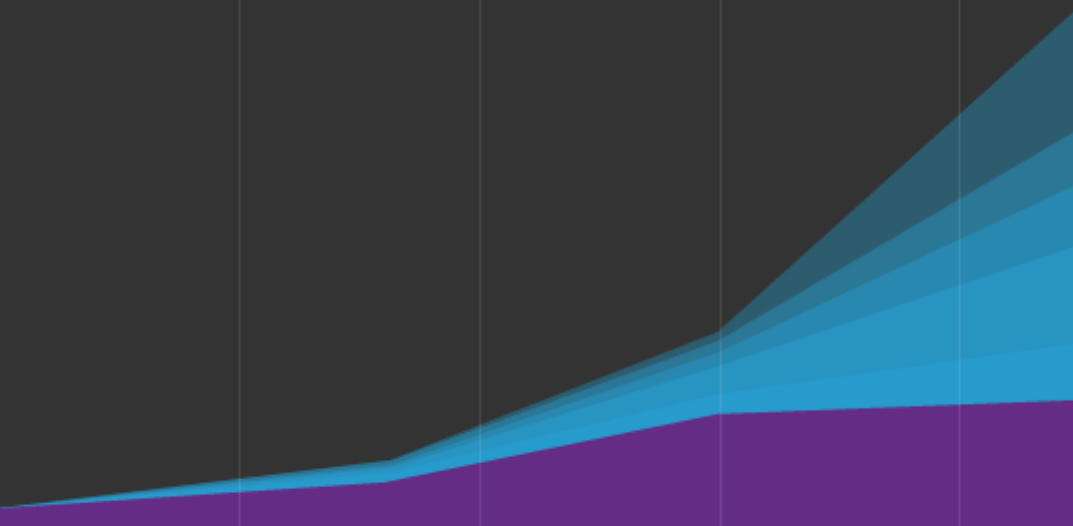
1. Connected Data

The world's data



The world's data

DIGITAL
ANALOG



DATACENTERS (CLOUD)

PC/DEVICE

DIGITAL TAPE

DVD/BLU-RAY

CD

1985

1990

1995

2000

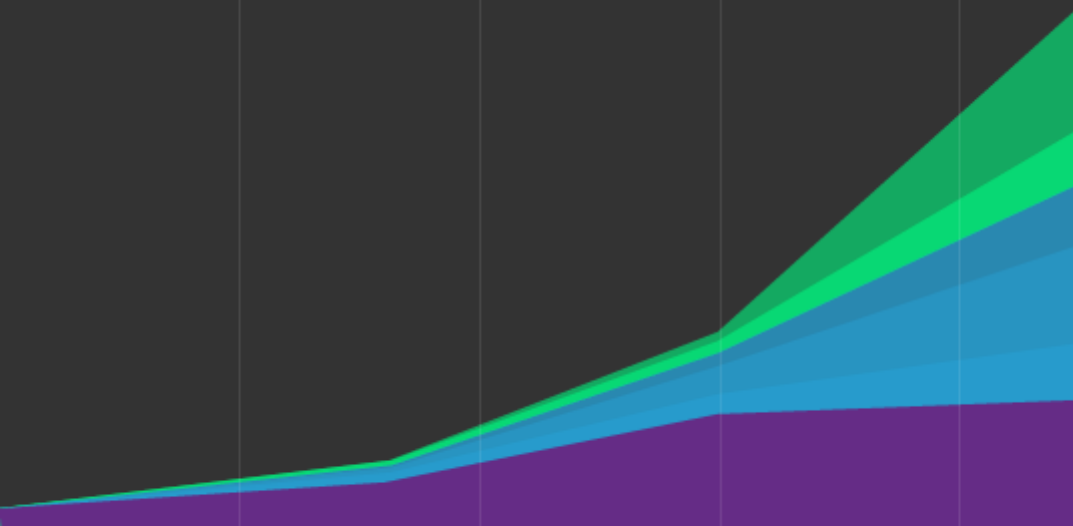
2005

2010

2015

2020

Connected data



DATA CENTERS (CLOUD)

PC / DEVICE

DIGITAL TAPE

DVD / BLU-RAY

CD

1985

1990

1995

2000

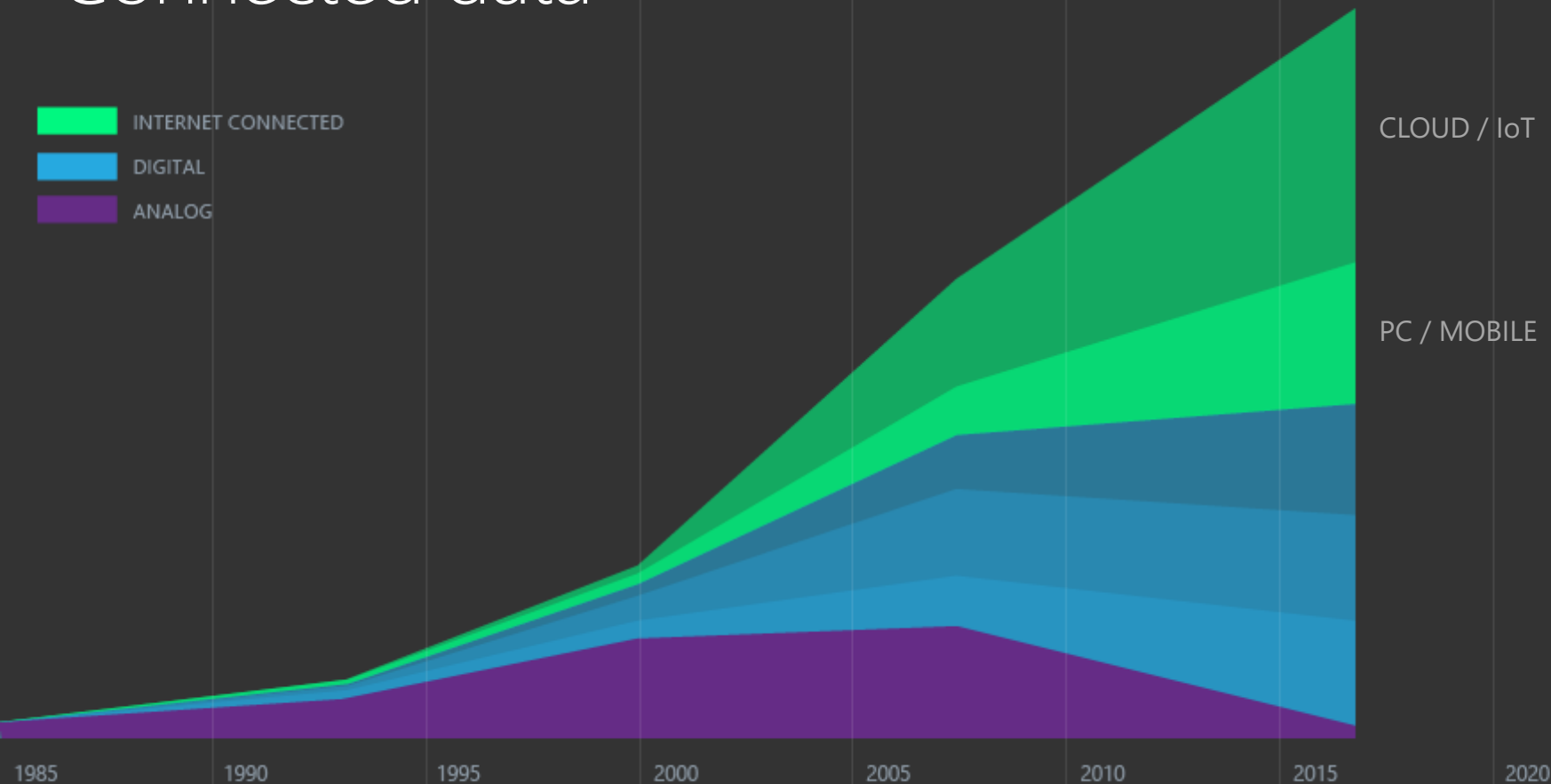
2005

2010

2015

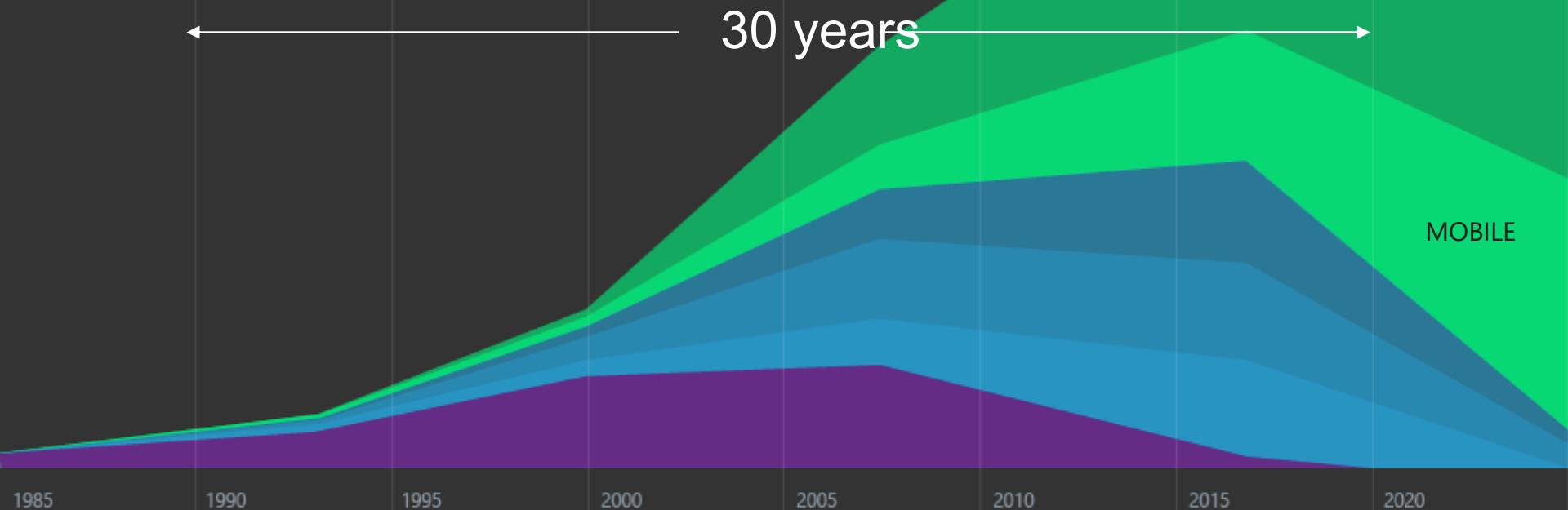
2020

Connected data



Connected data

INTERNET CONNECTED
DIGITAL
ANALOG



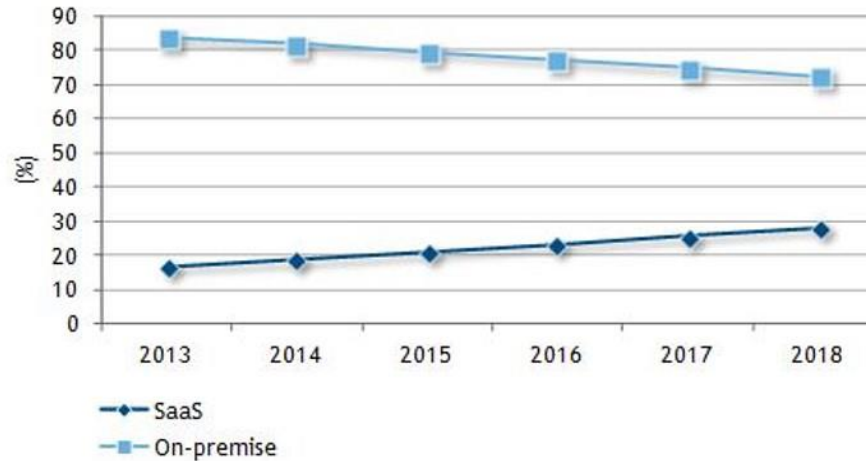
2. Connected Software

Connected
Software

Software
As a
Service
(SaaS)

Figure 2: Worldwide Enterprise Applications Revenue Share by SaaS and On-Premise, 2013 - 2018

Source: IDC, Worldwide SaaS Enterprise Applications 2014-2018 Forecast and 2013 Vendor Shares, #252568



Revenue share by SaaS and On-prem applications



**SaaS + Connected Data →
Intelligent Cloud**



**Cloud software that learns
from data and improves with experience**

Cloud hosted APIs

3. Intelligent APIs



JCPenney

enter search term or web id



my bag 0 \$0.00

for the home bed & bath window women men juniors kids baby shoes handbags & accessories jewelry & watches gifts clearance

2 DAYS ONLY
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50% OFF*
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FINE & FASHION JEWELRY
BABY FURNITURE

PLUS EXTRA 20% OFF*
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CLEARANCE
GET DETAILS
*exclusions apply

showing results for:

SUIT JACKET

220 products

[search tips](#)

narrow by

PRODUCT TYPE

- ☐ suit sep - jackets (201)
- ☐ suits (11)
- ☐ blazers + jackets (8)

ITEM TYPE

- ☐ suit jacket (147)
- ☐ suit vest (36)
- ☐ tuxedo jacket (11)
- ☐ jackets (7)
- ☐ pant suits (7)
- ☐ tuxedo vest (7)
- ☐ skirt suits (4)
- ☐ sport coat (1)

GENDER

- ☐ mens (162)
- ☐ women (50)
- ☐ boys (8)

SIZE RANGE

- ☐ big tall (36)

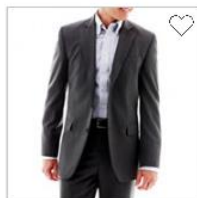
related searches: [mens hats](#) [suit jackets for mens](#) [van heusen](#) [pink tie](#) [mens vests](#) [pinstripe suit](#)

showing items: 1-24 of 220

items per page: 24 72

1 2 3 4 5 ... 10 >

sort by: best match



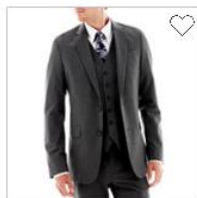
Stafford® Travel Suit Jacket
\$200 original
\$100 sale
50% off

★★★★★ (100 reviews)



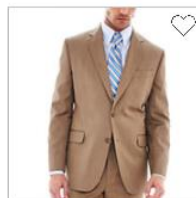
Stafford® Executive Super
100 Wool Suit Jacket -
Classic
\$260 original
\$130 sale
50% off

★★★★★ (42 reviews)



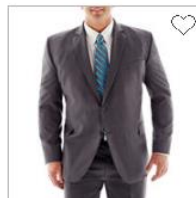
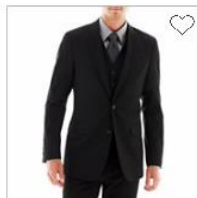
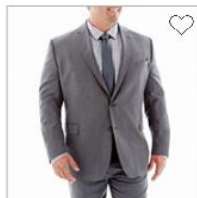
JF J. Ferrar® Stretch
Gabardine Suit Jacket - Slim
Fit
\$190

★★★★★ (43 reviews)



Stafford® Travel Suit Jacket-
Big & Tall
\$235 original
\$117 sale
50% off

★★★★★ (32 reviews)



Discover. Learn

Learn more



Machine Learning APIs

MACHINE LEARNING APIs

Face APIs



Microsoft's state-of-the-art cloud-based face algorithms to detect and recognize human faces in

MACHINE LEARNING APIs

Computer Vision APIs



Image processing algorithms designed to return information based on visual content

MACHINE LEARNING APIs

Text Analytics



Bring your unstructured text, and use this API to perform sentiment analysis and language detection

MACHINE LEARNING API

Face APIs

Microsoft · published on April 22, 2015

Description

Part of Microsoft Project Oxford, Face APIs provide state-of-the-art algorithms to perform face detection with gender and age prediction, recognition, alignment and other applications.

Face detection with attributes extraction

You will get the detected faces with rectangles indicating the face positions and a set of attributes, include landmarks, pose, gender and age by giving an image.



Face Verification

Given two detected faces, you will get result indicates whether the two requested faces are the same person.



Face Grouping

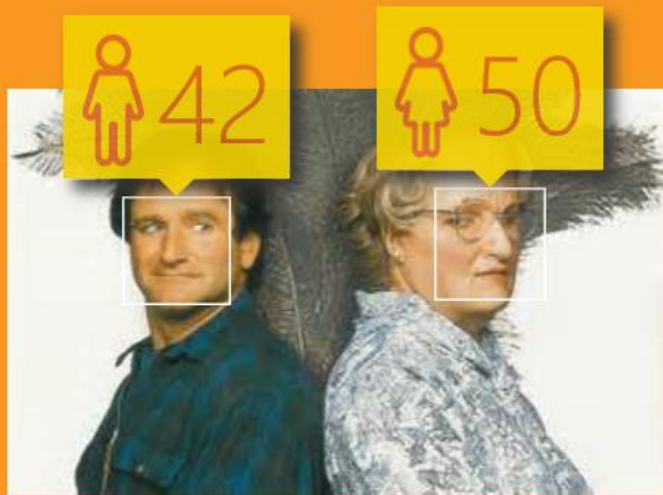
Provide service a set of unknown faces. It will automatically divide them into several groups.

How old do I look?



How-Old.net

HOW OLD DO I LOOK? #HowOldRobot



Sorry if we didn't quite get the age and gender right – [we are still improving this feature.](#)



How-Old.net
HOW OLD DO I LOOK? #HowOldRobot





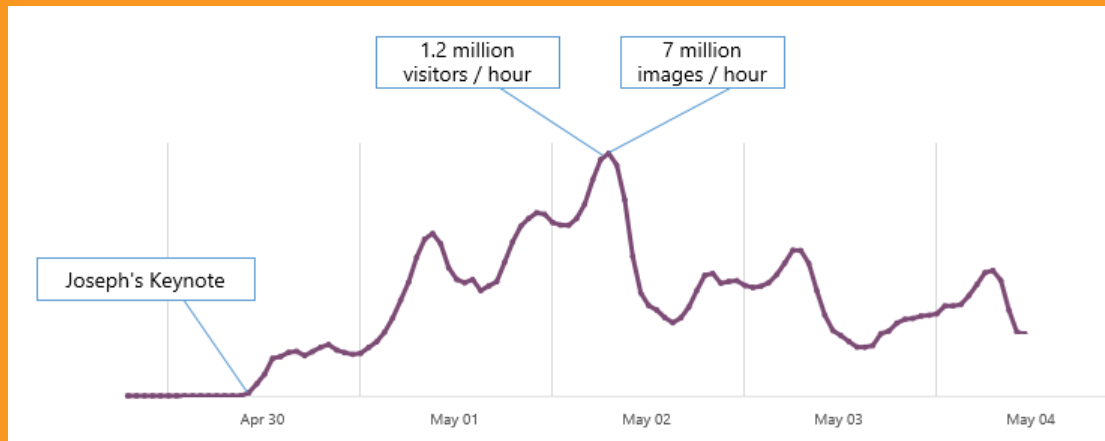
7
DAYS



7
DAYS



The internet is insane - Azure is awesome!



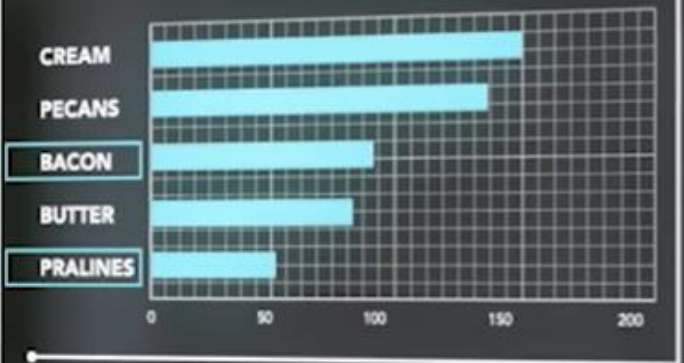
- As of today
 - 90 million unique users
 - 610 million images
 - 10+ million blog reads
 - At peak
 - 1600 cores
 - 5.6 TB RAM
 - Over 2000 images per second
- 1 developer – no downtime

Agility of the Cloud

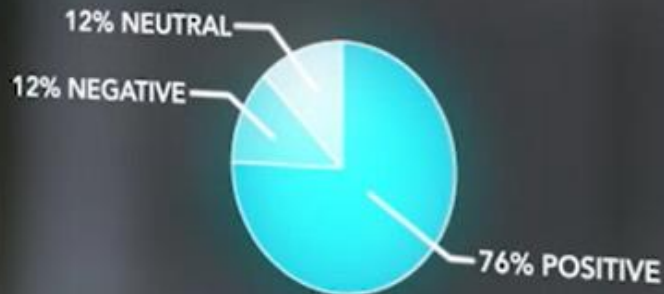


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SENTIMENT ANALYSIS: BACON + PRALINES



The Intelligent Cloud

Vijay K Narayanan
vpn@microsoft.com