Microsoft Azure:

Your Public Cloud for Running MarkLogic

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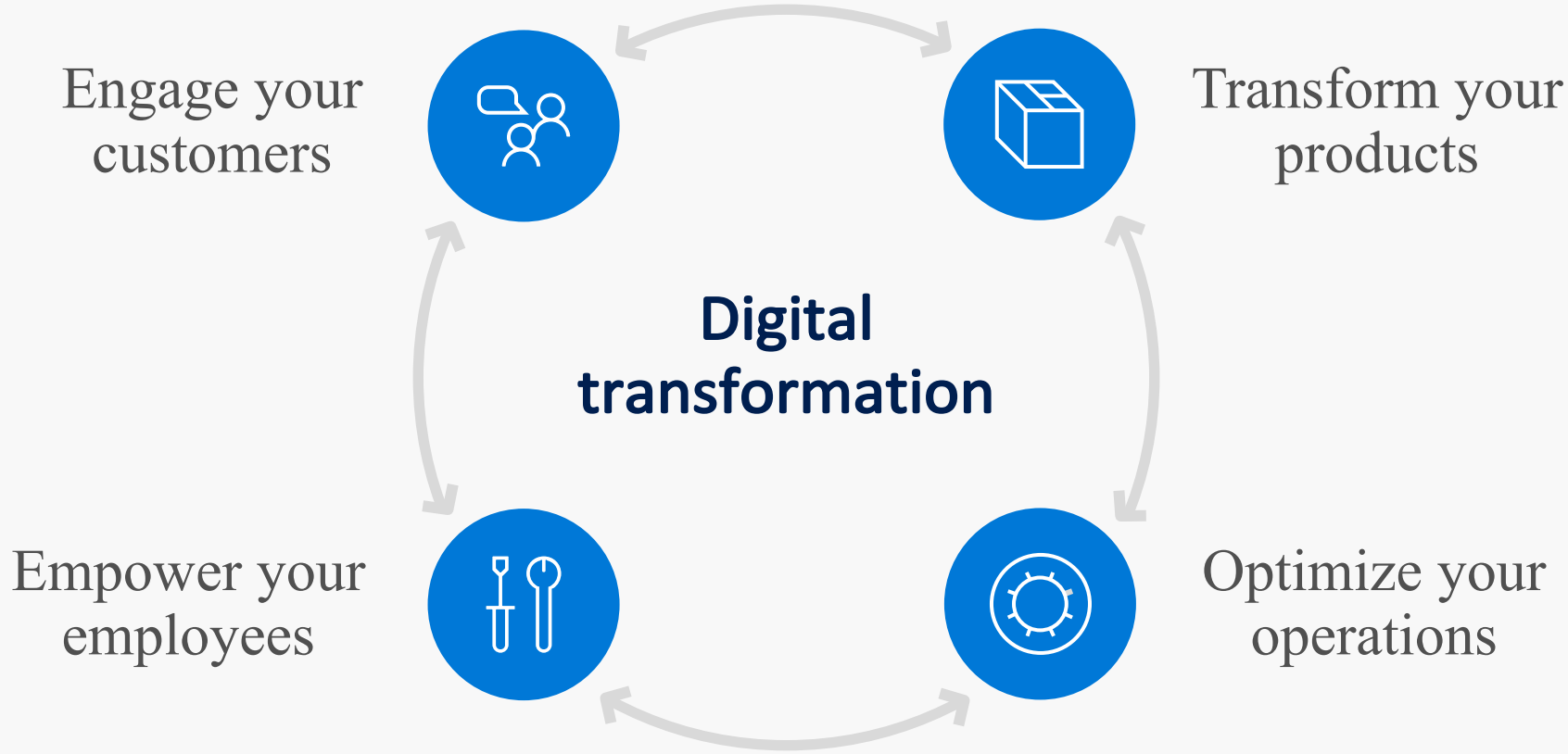
Microsoft Azure

The cloud platform for digital transformation

Al Kari - Global Business Evangelist

Microsoft


Engage your customers
Transform your products
Digital transformation
Empower your employees
Optimize your operations

Going Digital

1 million/hour
new devices coming online by 2020

12 years
average age of S&P 500 corporations by 2020

81% businesses
running in a hybrid environment

Microsoft Azure

Trust

Protect your business

Open and Hybrid

Build freely, deploy consistently in the cloud & on-prem

App Innovation

Accelerate innovation with the cloud

Data-Driven Intelligence

Power decisions & apps with insights

Protect your business

Trust

Detect and mitigate threats

Achieve global scale, in local regions

The most trusted and compliant cloud

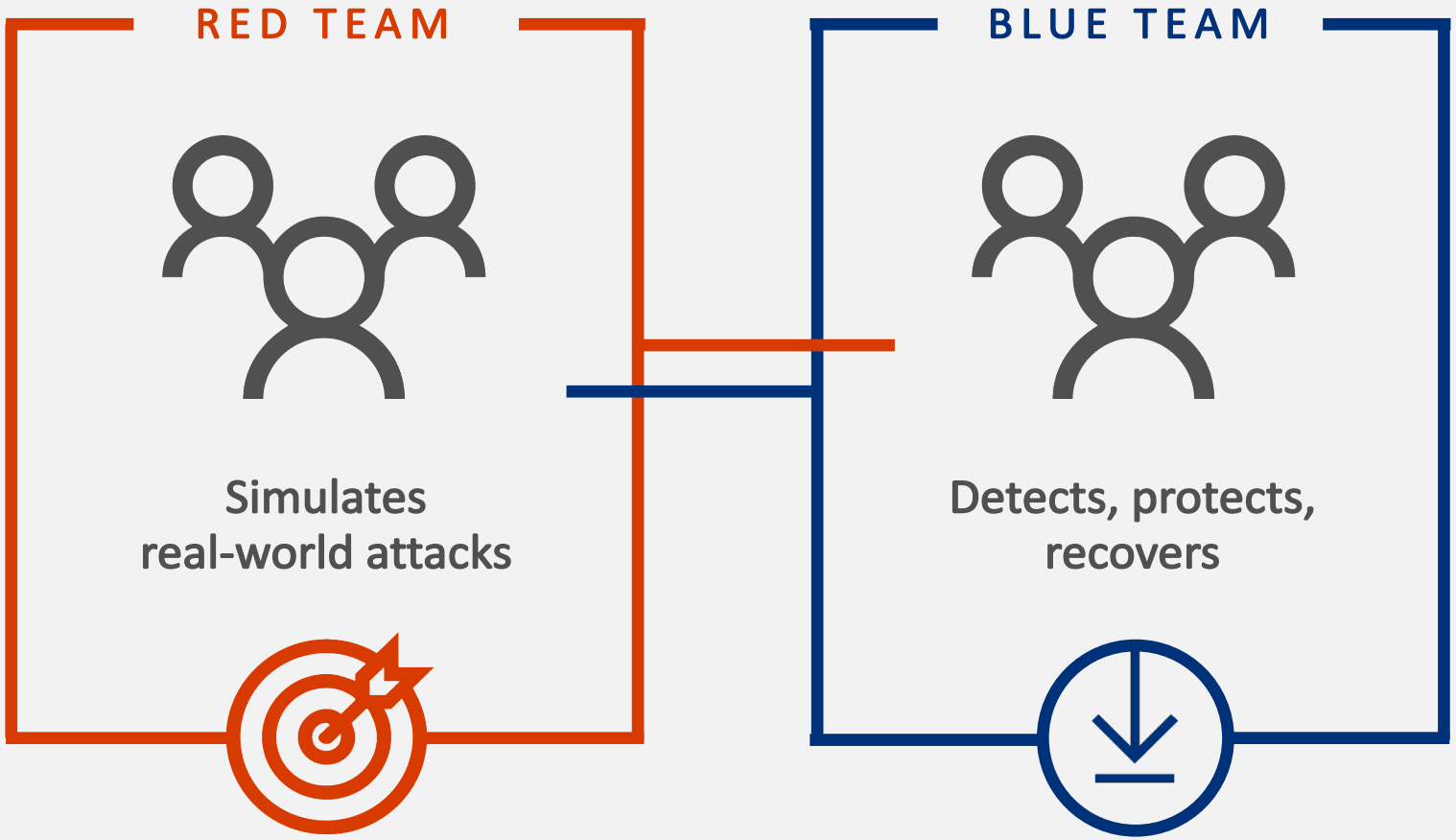
Detect and mitigate threats

Trust

Assume Breach

Identify Attacks

Restore Environment



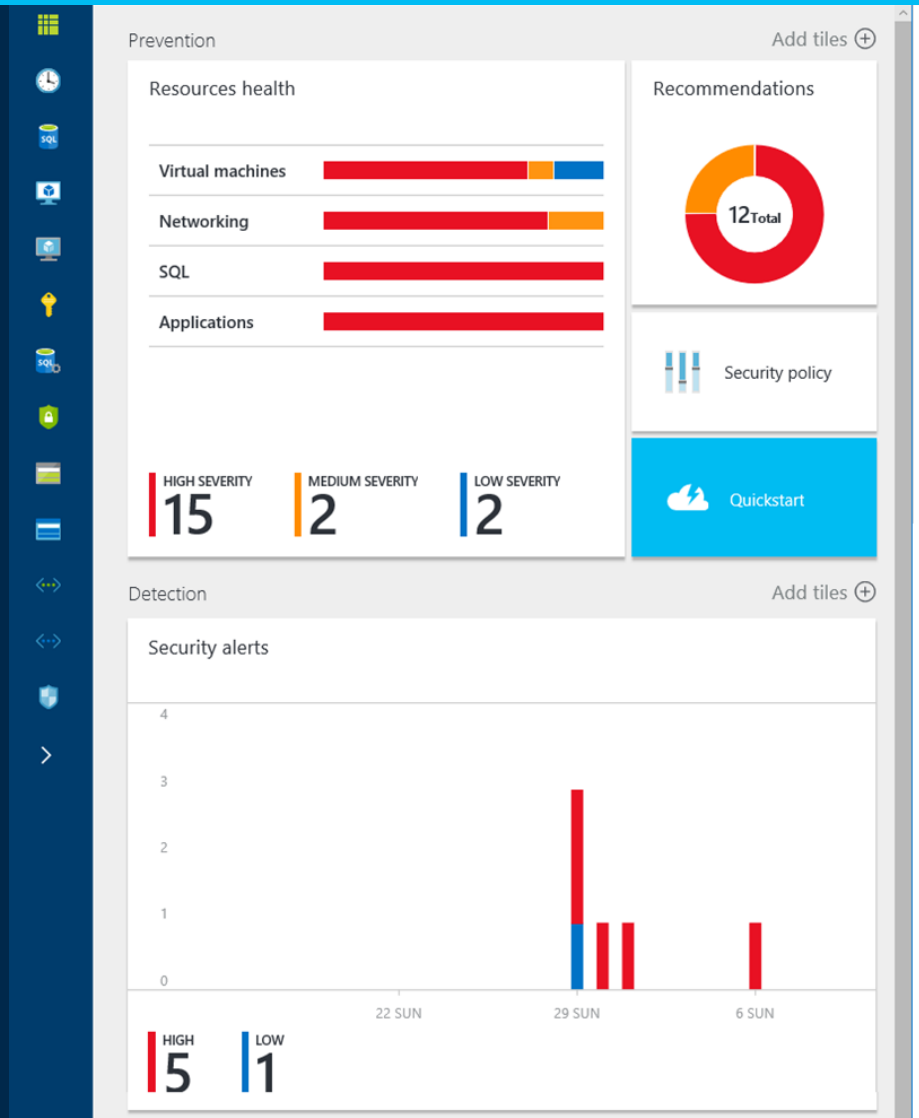
Detect and mitigate threats

Trust

Prevent

Detect

Respond



Prevention

Add tiles

Resources health

Virtual machines

Networking

SQL

Applications

HIGH SEVERITY 15

MEDIUM SEVERITY 2

LOW SEVERITY 2

Recommendations

12 Total

Security policy

Quickstart

Detection

Add tiles

Security alerts

4
3
2
1
0

22 SUN

29 SUN

6 SUN

HIGH 5

LOW 1

Status breakdown

ONBOARDING STEPS	TOTAL
No onboarding steps required.	

PREVENTION STEPS	TOTAL
Antimalware not installed	7 of 11 VMs
Baseline rules mismatch	1 of 11 VMs
Missing system updates	10 of 11 VMs
Restart pending	1 of 11 VMs

Virtual machines

NAME	ONBOARDING	SYSTEM UPDATES	ANTIMALWARE
VM-W6			
VM-W5			
VM-W4			
VM-W2			
VM-L3			
VM-CL-W1			
node14			
node13			
node12			

Achieve global scale, in local regions

Trust

38

Azure regions

RECENTLY LAUNCHED:

US Regions: West US 2 and West Central
Germany – Launched in Sep 2016
United Kingdom – Launched in Sep 2016

NEWLY ANNOUNCED:

France: France Central and France South
Korea: Korea Central and Korea South
DoD East and Central

The most trusted and compliant cloud

Trust

GLOBAL

- ISO 27001
- ISO 27018
- ISO 27017
- ISO 22301
- SOC 1 Type 2
- SOC 2 Type 2
- SOC 3
- CSA STAR Self-Assessment
- CSA STAR Certification
- CSA STAR Attestation

US GOV

- Moderate JAB P-ATO
- High JAB P-ATO
- DoD DISA SRG Level 2
- DoD DISA SRG Level 4
- SP 800-171
- FIPS 140-2
- Section 508 VPAT
- ITAR
- CJIS
- IRS 1075

INDUSTRY

- PCI DSS Level 1
- CDSA
- MPAA
- FACT UK
- Shared Assessments
- FISC Japan
- HIPAA / HITECH Act
- HITRUST
- GxP 21 CFR Part 11
- MARS-E
- IG Toolkit UK
- FERPA
- GLBA
- FFIEC

REGIONAL

- Argentina PDPA
- EU Model Clauses
- UK G-Cloud
- China DJCP
- China GB 18030
- China TRUCS
- Singapore MTCS
- Australia IRAP/CCSL
- New Zealand GCIO
- Japan My Number Act
- ENISA IAF
- Japan CS Mark Gold
- Spain ENS
- Spain DPA
- India MeitY
- Canada Privacy Laws
- Privacy Shield
- Germany IT Grundschutz workbook

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App Innovation

Accelerate innovation with the cloud

Data-Driven Intelligence

Power decisions & apps with insights

Build freely, deploy consistently

Open and Hybrid

Build and run open source solutions

Consistent identity, apps, data & management

Deploy the cloud on-premises

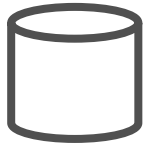
Consistent identity, apps, data & management

Open and Hybrid

Cloud

Azure Active Directory

Azure management and security



Azure data services

Azure services

Common Identity

Integrated Management and Security

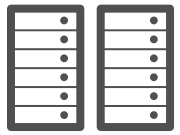
Consistent Data Platform

Unified Development and DevOps

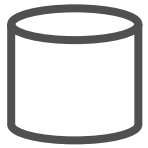
On-Premises

Active Directory

On-premises infrastructure



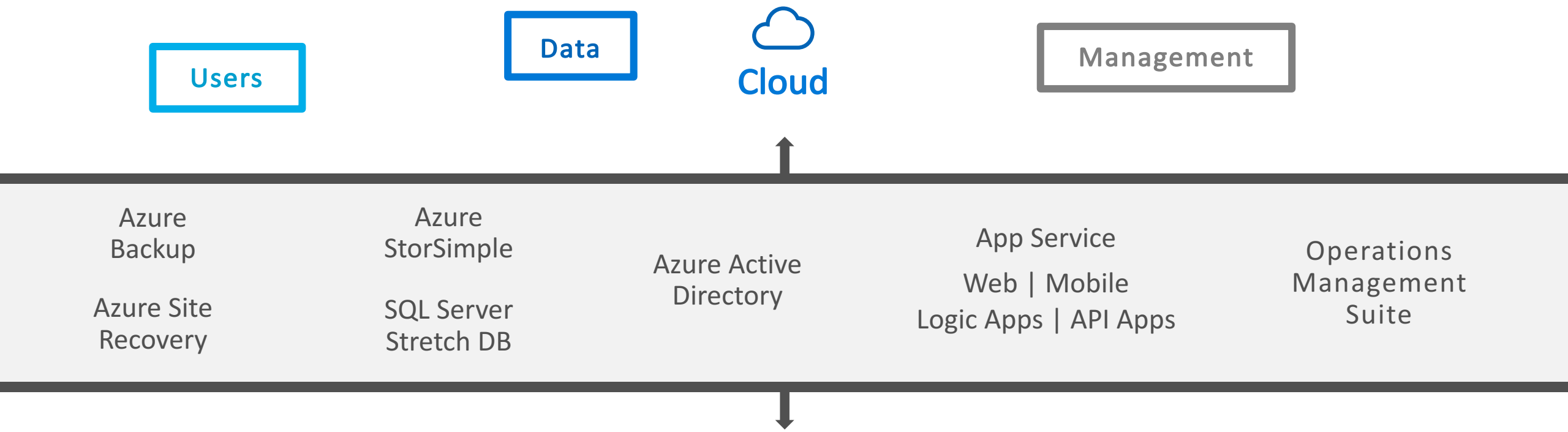
SQL Server



Azure Stack

Deploy the cloud on-premises

Open and Hybrid



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App Innovation

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Data-Driven Intelligence

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Accelerate innovation with the cloud

App Innovation

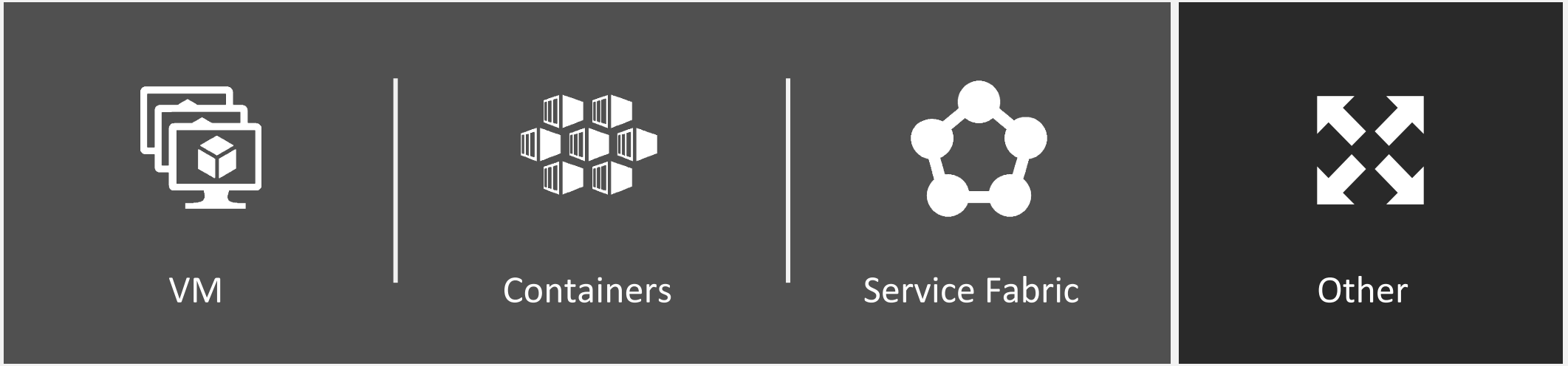
Build apps faster and easier

Manage applications proactively

Deliver native mobile apps seamlessly

Build apps faster and easier - IAAS

App Innovation



Legacy applications, no change	Efficiency and speed	Always-on, scalable, distributed applications	Cloud Foundry, OpenShift, Apprenda, Jelastic, etc.
Lift and shift	Improved DevOps	Hyperscale (e.g. IOT)	Third-party frameworks

Build apps faster and easier - PAAS

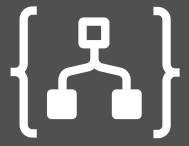
App Innovation

< DEVELOPERS

NON-DEVELOPERS >

App service

Functions



Logic apps

Power apps

Web, mobile, and API apps

Serverless compute

Workflow & Integration

Self-service

Web and mobile

Event-driven microservices

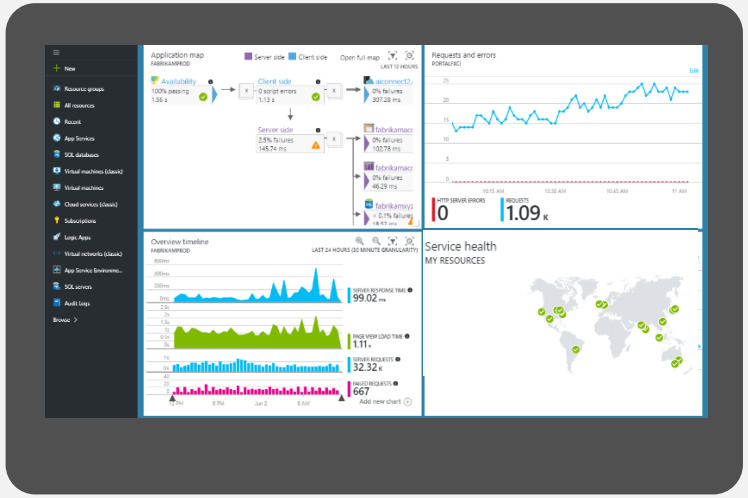
LOB integration and hybrid apps

No-code apps

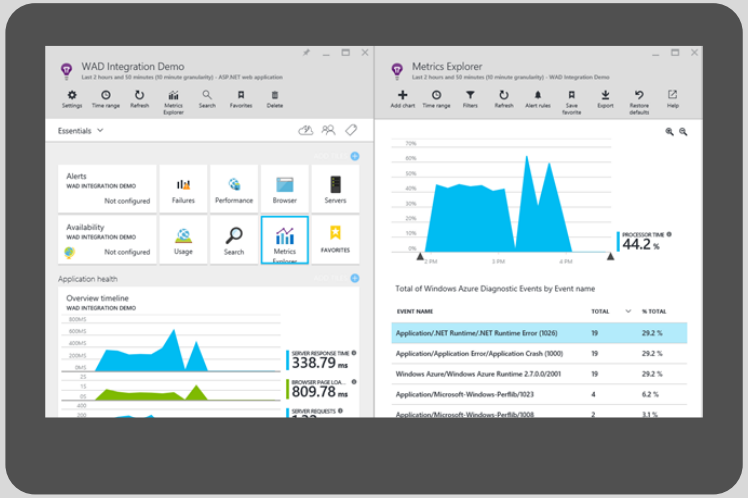
Manage applications proactively

App Innovation

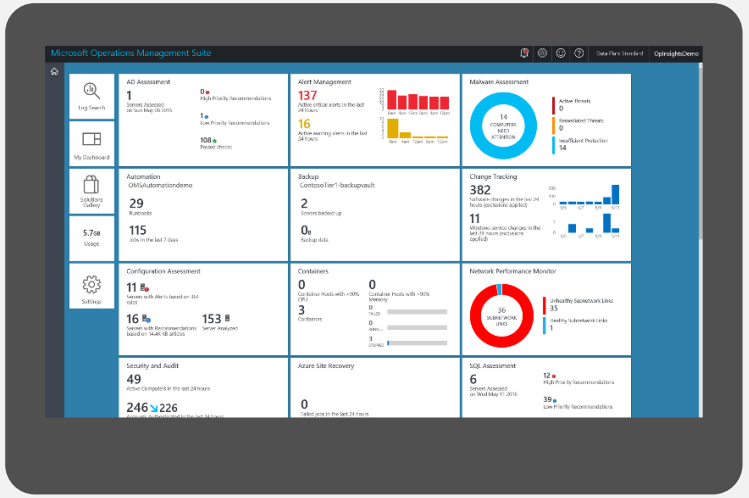
Azure Portal



Application Insights



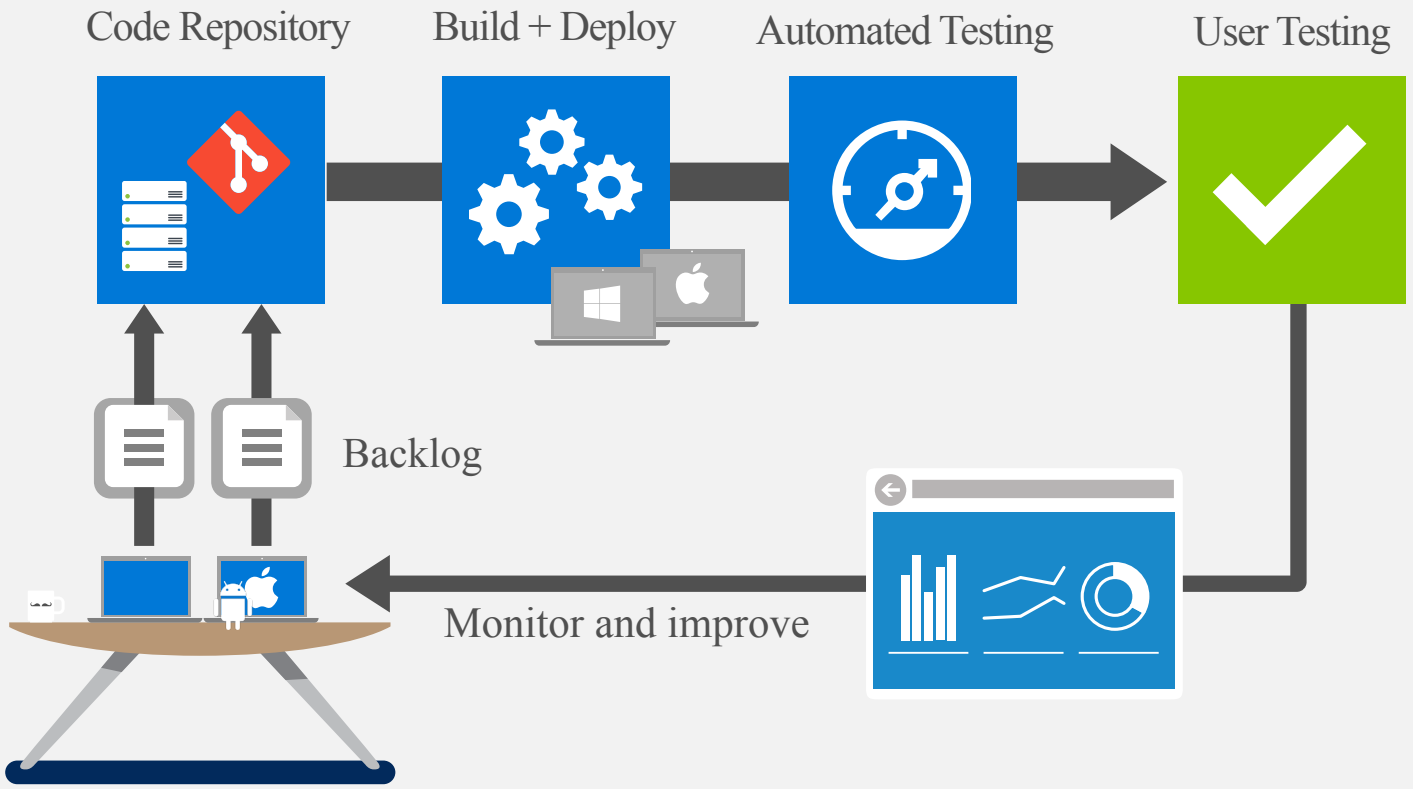
Operations Management Suite



Deliver native mobile apps seamlessly

App Innovation

Mobile DevOps



Mobile Back-end Services

Cloud and Offline Data

User Authentication

Push Notifications

Microsoft Azure

Trust

Protect your business

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App Innovation

Accelerate innovation with the cloud

Data-Driven Intelligence

Power decisions & apps with insights

Power decisions & apps with insights

Data-Driven Intelligence

Support business strategy with any data

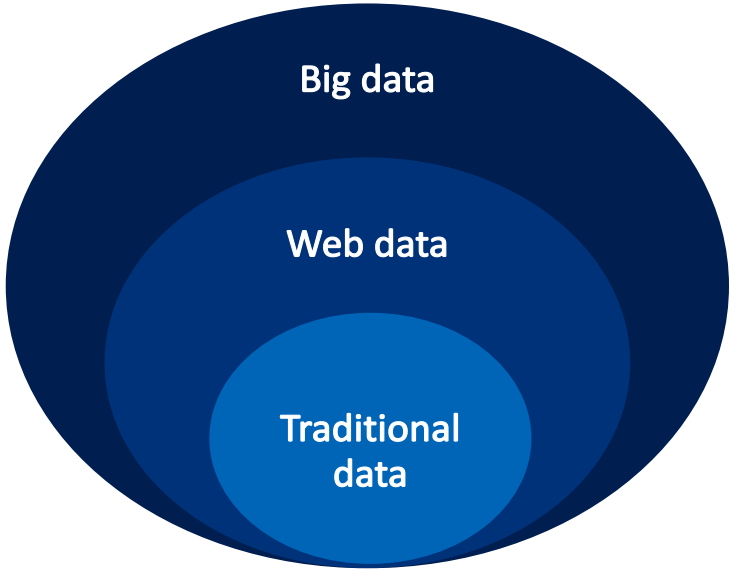
Predict and respond proactively

Learn and engage with artificial intelligence

Support business strategy with any data

Data-Driven Intelligence

Back-end power



Front-end insights

Predict and respond proactively

Data-Driven Intelligence

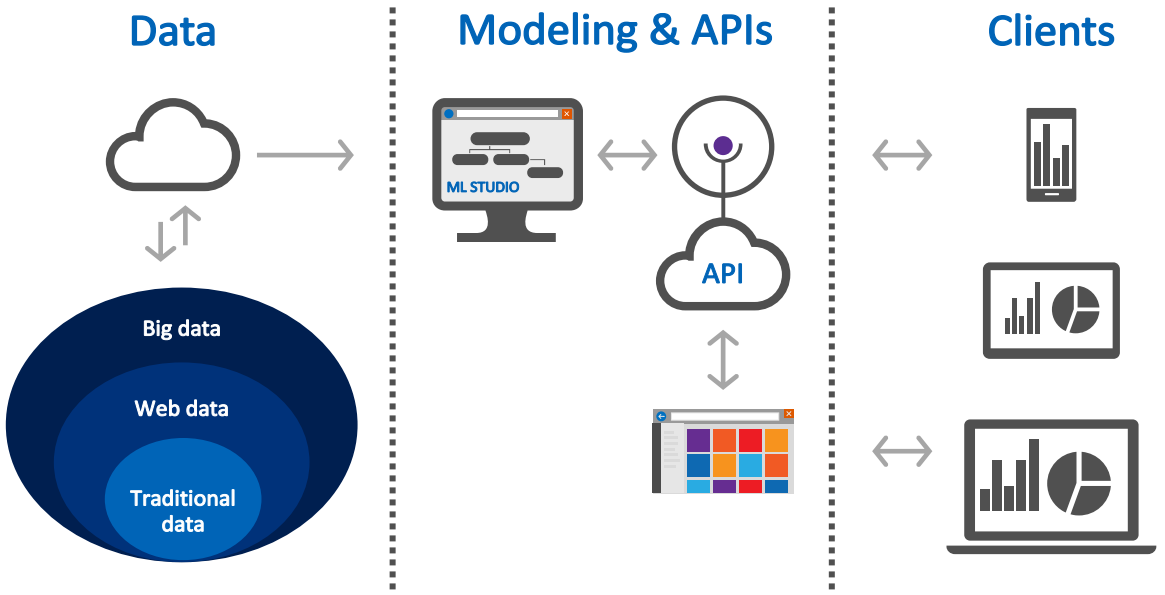
Azure machine learning templates

Demand forecasting

Predictive maintenance

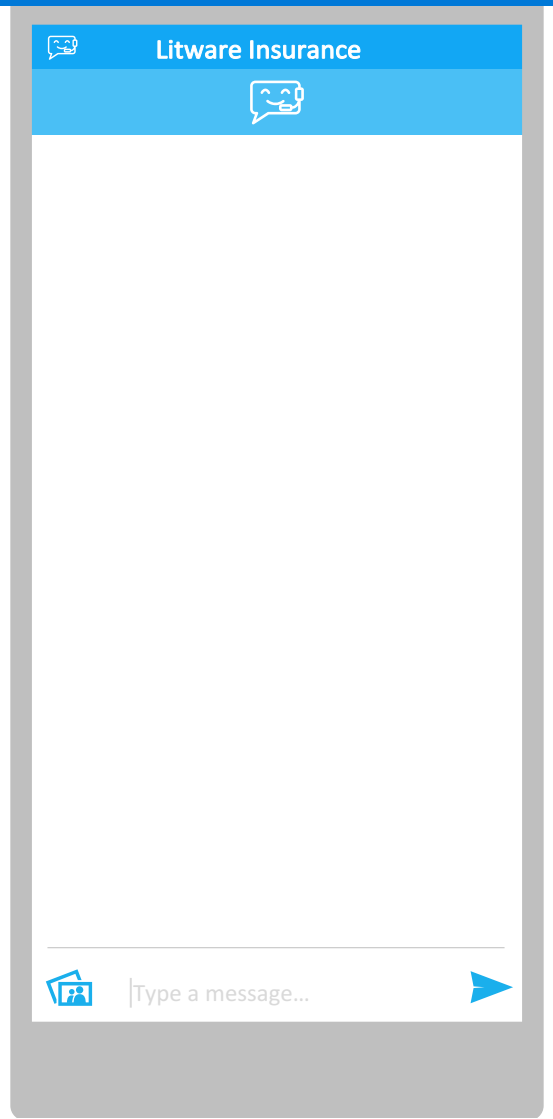
Vehicle telemetry

Azure machine learning service



Learn and engage with artificial intelligence

Data-Driven Intelligence



Interact in personal, natural ways

Smart Recommendations, personalization, immersive experiences

Infuse processes with intelligence

Dynamics CRM

Capitalize on hidden insights beyond your data

Advanced Analytics, Machine Learning, Data Enrichment

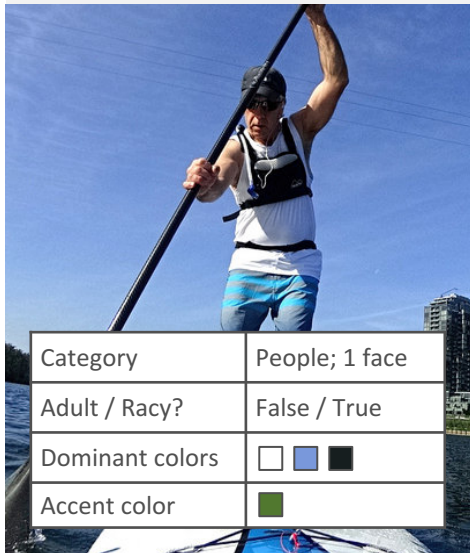
Learn and engage with artificial intelligence

Data-Driven Intelligence

VISION

Computer Vision

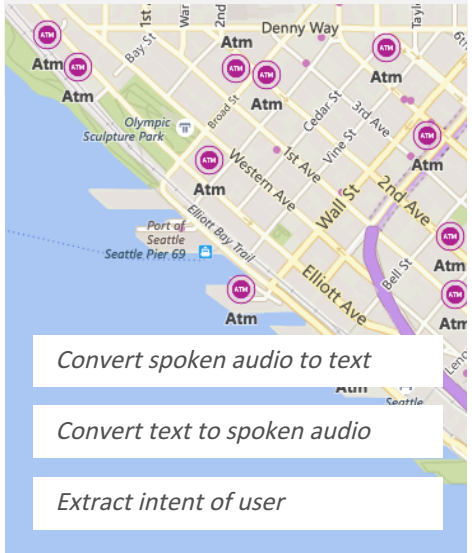
What is in the image?



SPEECH

Speech-to-Text and Text-to-Speech Service

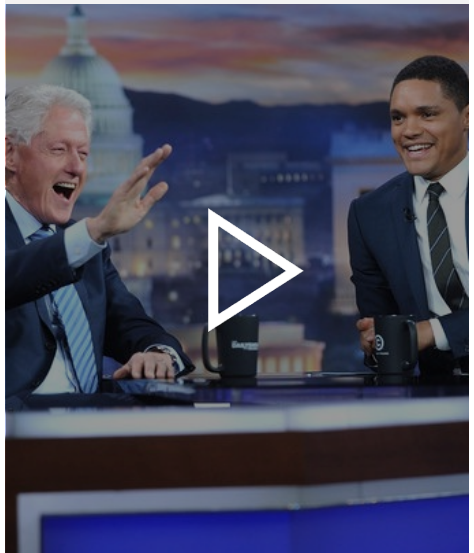
Give me directions to the closest ATM



LANGUAGE

Natural Language Processing

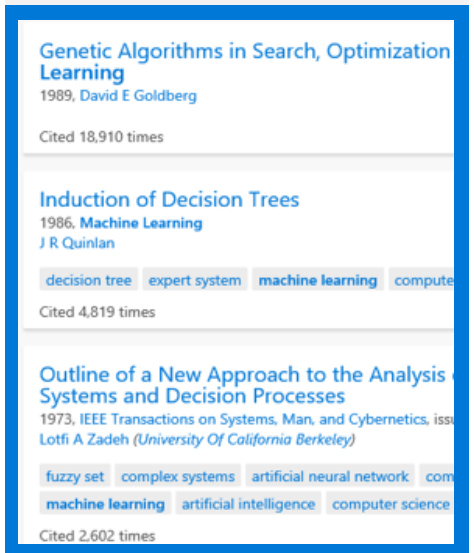
Play today's Daily Show



KNOWLEDGE

Knowledge Exploration Service

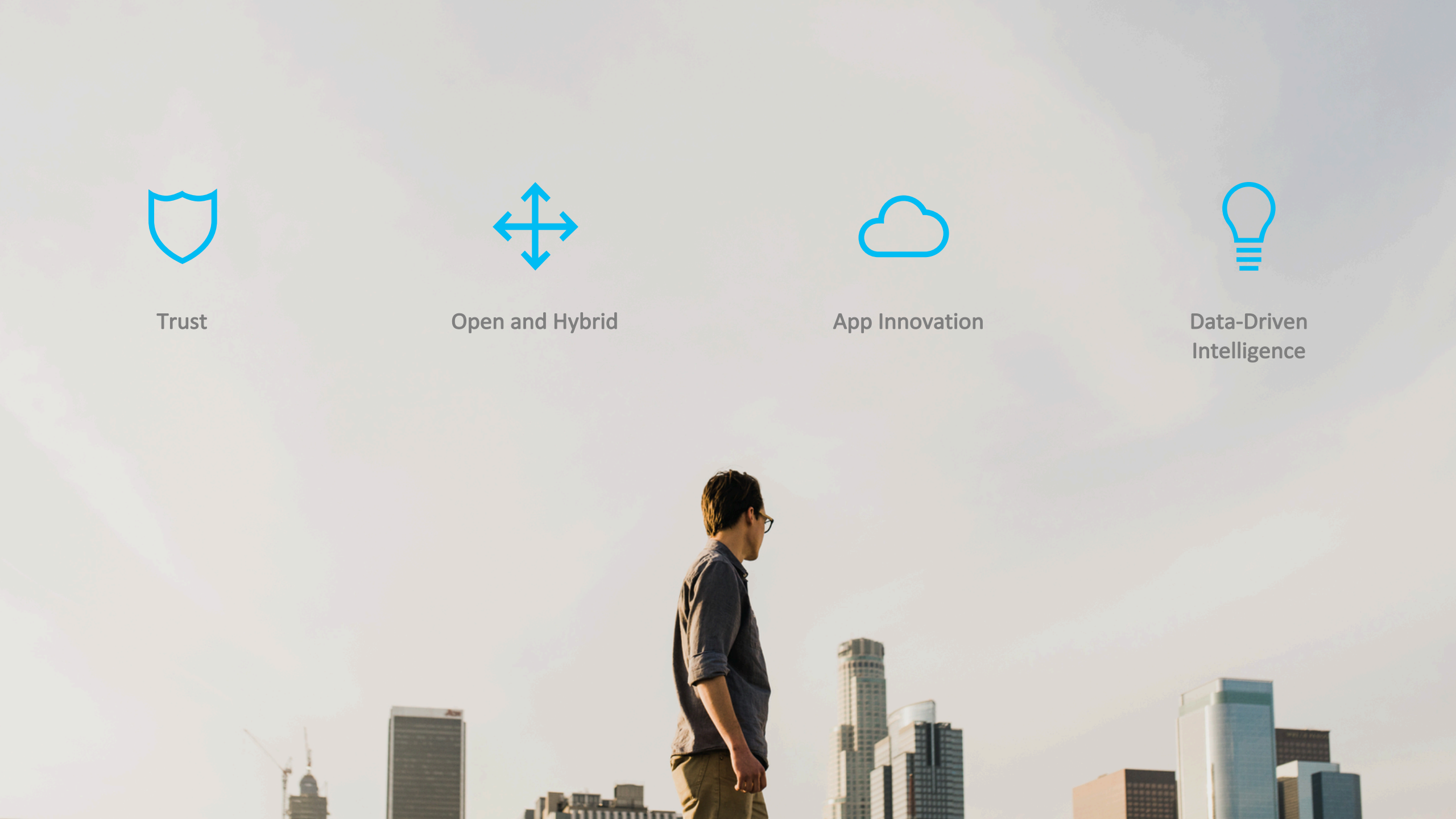
Top publications in AI?



SEARCH

Bing Search

Search for 'cute kittens'


Trust
Open and Hybrid
App Innovation
Data-Driven Intelligence

Momentum

194 billion
External Requests made to Azure App Service

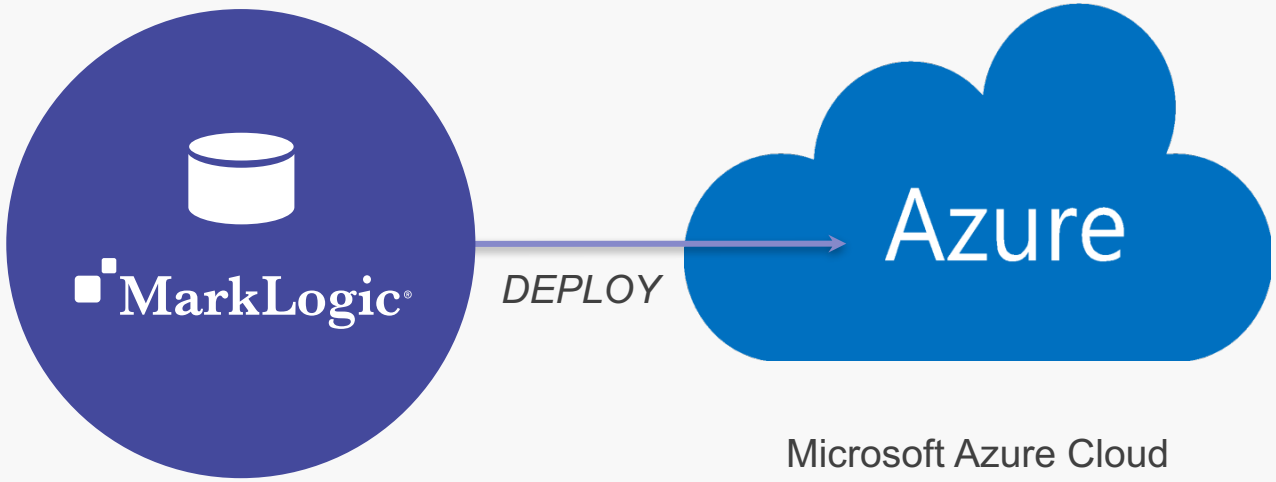
340 billion
Azure SQL query requests processed/day

750 million
Azure Active Directory users

188 billion
Hits to websites run on Azure Web App Service

>90%
of Fortune 500 use Microsoft Cloud

MarkLogic on Azure



Microsoft Azure Cloud

MarkLogic Cloud Offerings

MarkLogic and Azure Partnership

- **Easy-to-access** MarkLogic Azure image on marketplace (DEV & BYOL)
- **Simple-to-use** Azure solution template for single node and three node clusters
- **Collaborative** customer support partnership
- **Clear** guidance and examples through MarkLogic on Azure Quick Start Guide

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Demo

Microsoft

Thank You!

ευχαριστώ Salamat Po متشكرم شكراً Grazie

благодаря ありがとうございます Kiitos Teşekkürler 谢谢

ขอบคุณครับ Obrigado شكريه Terima Kasih Dziękuję

Hvala Köszönöm Tak Dank u Wel дякую Tack

Mulţumesc спасибо Danke Cám ơn Gracias

多謝晒 Ďakujem תודה நன்றி Děkuji 감사합니다

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