



KNOWLEDGE SERVICES

Martin Kearn, @MartinKearn



KNOWLEDGE IS POWER

Frances Bacon, 16th Century English Philosopher





Vision



Language



Speech



Search



Knowledge

Computer vision
Face
Emotion
Content Moderator
Video
Video Indexer

Custom

Vision Service

Text analytics
Spell check
Web language model
Linguistic analysis
Translator Text

Custom

Language
Understanding

Translator Speech
Speaker recognition
Bing Speech

Custom

Speech Service

Web search
Image search
Video search
News search
Autosuggest
Entity search

Custom

Search

Academic knowledge
Entity linking service
Knowledge exploration
Recommendations
QnA maker

Custom

Decision Service

+6 Cognitive Services Labs APIs

COGNITIVE SERVICES



Q&A MAKER



NATURAL FAQ



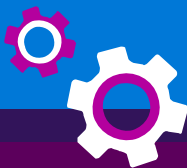
- Build a knowledge base of FAQs
- Natural language queries
- Expose as bot or API



RECOMMENDATIONS



YOU MIGHT LIKE



- ▶ Cortana Solution Template
- ▶ Item-to-item recommendations
- ▶ Personalised recommendations
- ▶ Your inventory
- ▶ Your 'usage data'



DEMO

JD SPORTS

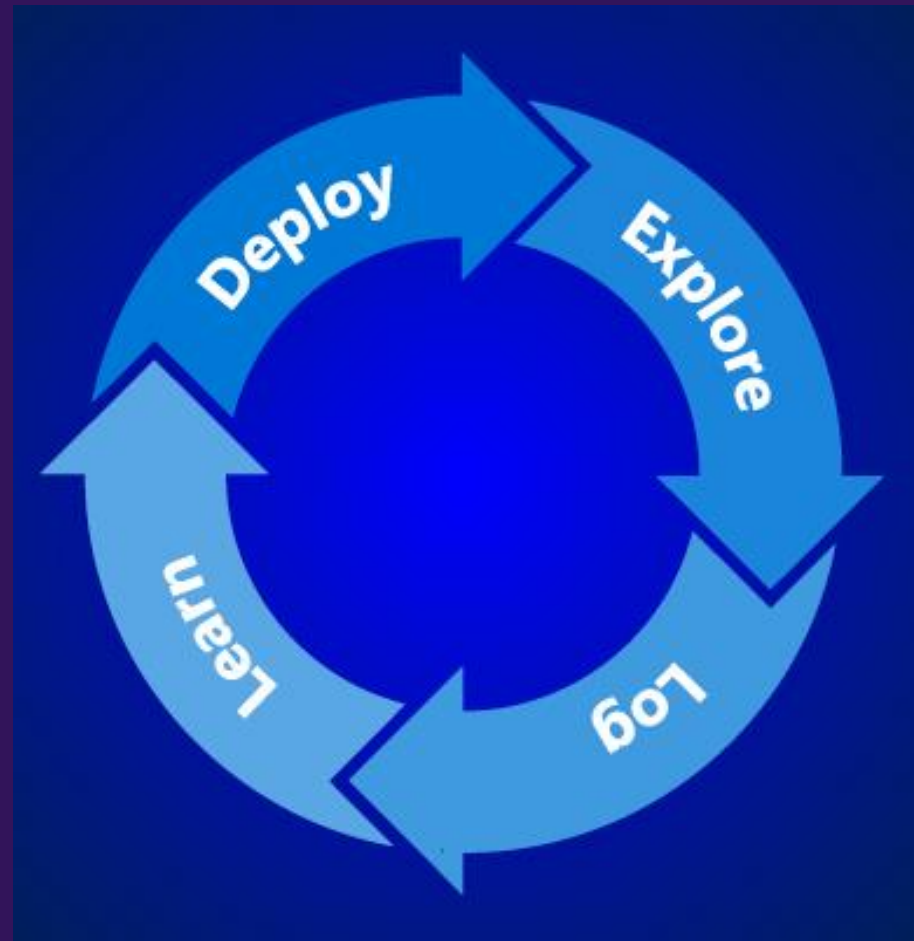
CUSTOM DECISION SERVICE

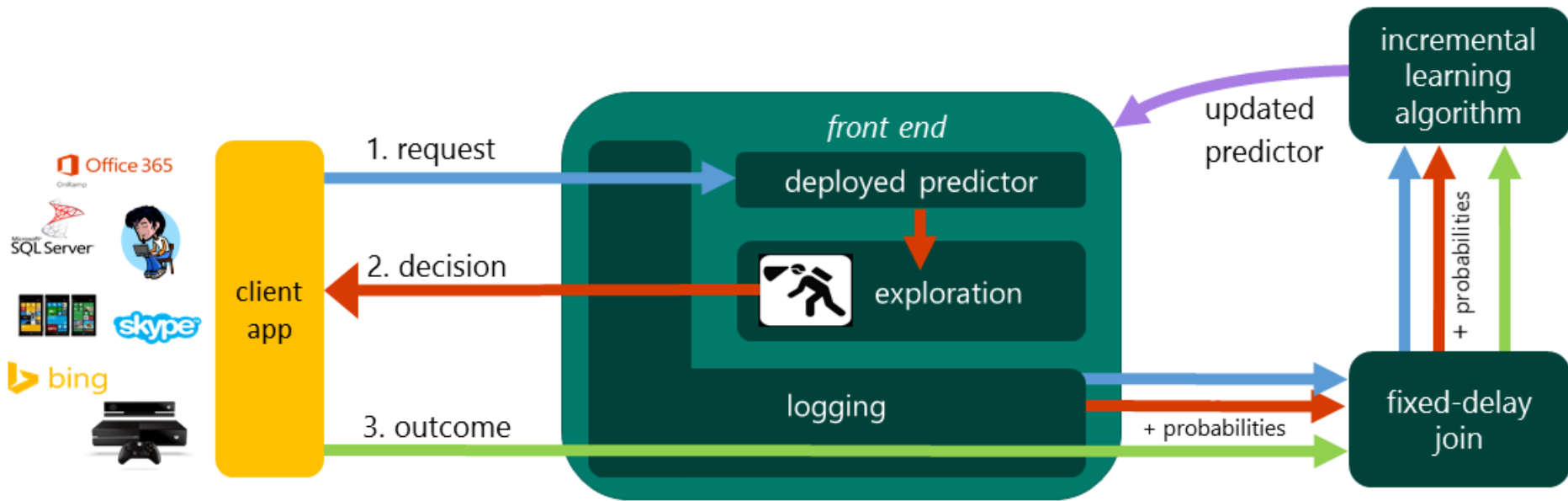


CUSTOM DECISION SERVICE



- ▶ Contextual decision making
- ▶ Automatic learning
- ▶ RSS + JavaScript





HOW DECISION LEARNING WORKS

DEMO

KNOWLEDGE SERVICES LAB

CONTACT ME

MARTIN KEARN

@MartinKearn

Martin.Kearn@Microsoft.com

<http://MartinK.me>

