An Intelligent Way to Drive Adoption of Enterprise Analytics using ML/DL/AI

Rick Pechter, Principal Solutions Architect

MicroStrategy

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Abstract

Thursday | 12:15 pm - 12:45 pm | Studio 3

Building on the Big Data revolution from earlier in this decade, organizations are now turning to machine learning and artificial intelligence to make sense of all that data, while simultaneously needing to adapt to ever changing social media channels and increased connectivity made possible by applications that didn't exist just a few years ago. And yet, somethings don't change, like the need to have trusted access to governed data, the ability to adopt alongside existing infrastructures the new technologies that provide a competitive edge and, most importantly, a modern analytic environment that promotes adoption by all stakeholders.

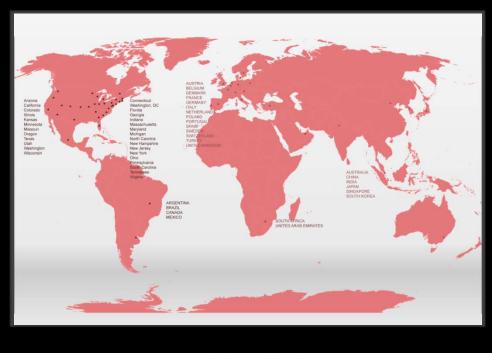
Organizations need a platform that supports the diverse analytical tool sets that users love with an authoring experience that makes deploying applications to any touchpoint easy and agile. Attend this session to learn how to modernize your analytical capabilities with ML/DL/AI by continuing the conversation on Deep Learning we started at last Fall's HITS 2018, and see how pervasive, intelligent analytics can transform your business drive and adoption like never before!

Presented by **Rick Pechter** Principal Solutions Architect MicroStrategy

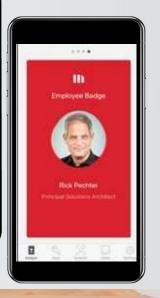
MicroStrategy Overview

- Founded in 1989
- Operates in 39 cities 27 countries
- Over 4,000 customers in 20 industries
- A top analytics vendor by revenue
- Innovator in web, mobile, and cloudbased analytics
- Listed on NASDAQ: MSTR



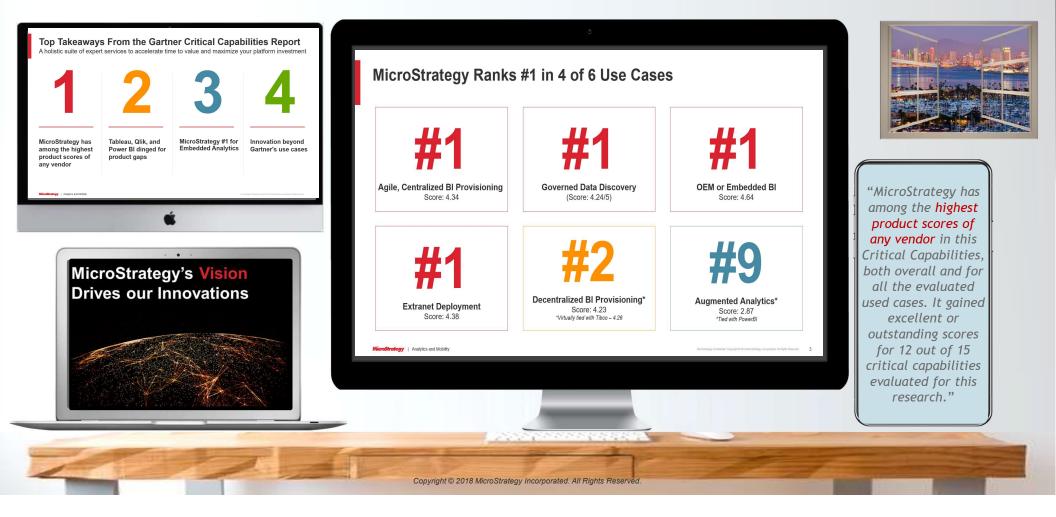






https://www.mesalliance.org/2019/01/17/2018-ais-electrifying-gap-year/

Gartner "Critical Capabilities for Analytics and Business Intelligence Platforms" Released May 2019

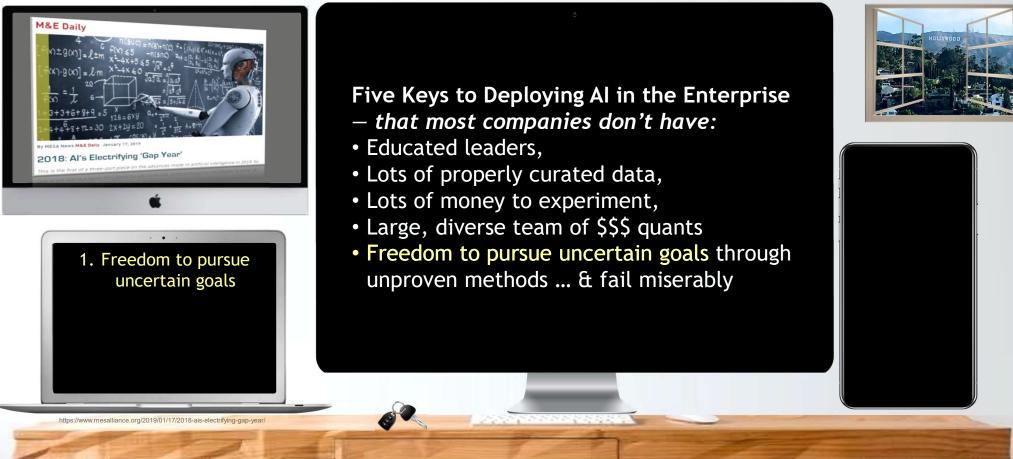






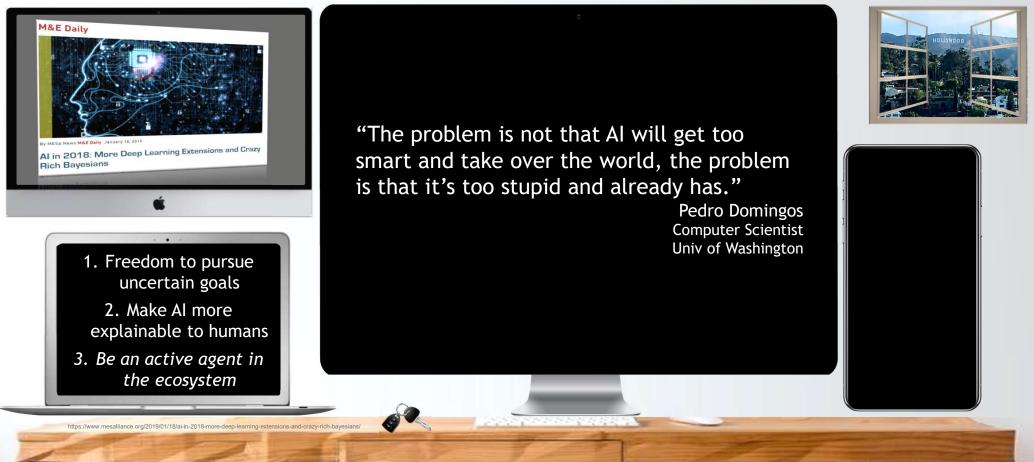


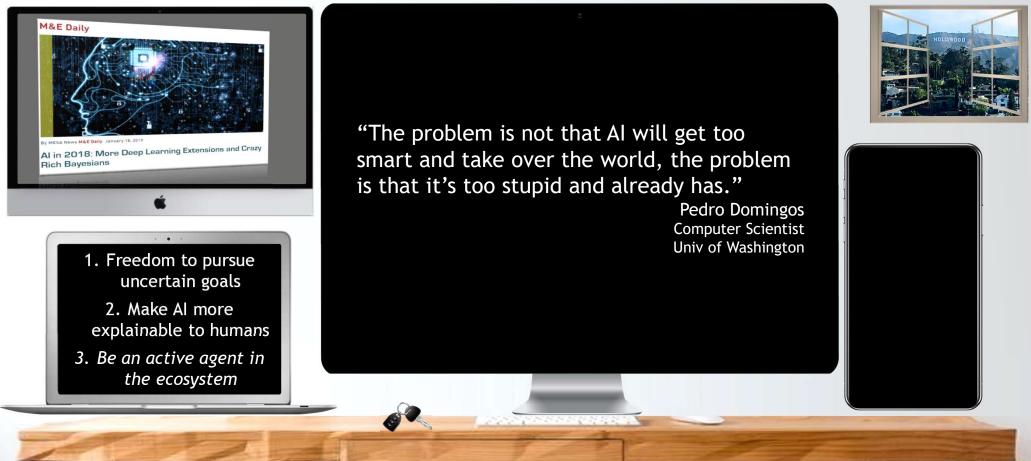
12:39 🔊 aal LITE 🔳 12:15 - 12:45 p.m. An Intelligent Way to Drive Adoption of Enterprise Analytics using ML/DL/AI Building on the Big Data revolution from earlier in this decade, organizations are now turning to machine learning and artificial intelligence to make sense of all that data, while simultaneously needing to adapt to ever changing social media channels and increased connectivity made possible by applications that didn't exist just a few years ago. And yet, somethings don't change, like the need to have trusted access to governed data, the ability to adopt alongside existing infrastructures the new technologies that provide a competitive edge and, most importantly, a modern analytic environment that promotes adoption by all stakeholders. Organizations need a platform that supports the











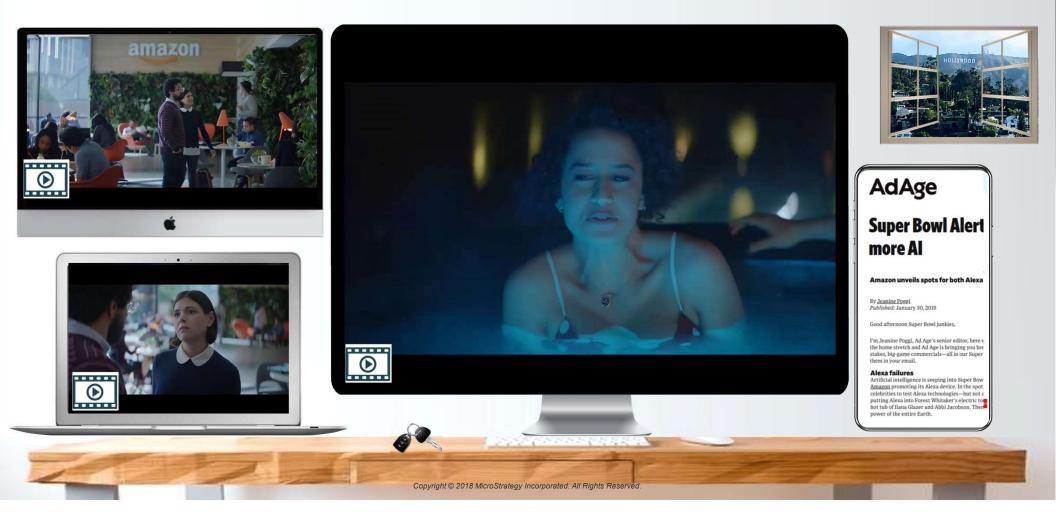
Did you catch all the AI in those Super Bowl ads? Robots, Robots and more Robots

Press Esc to exit full screen IT'S ONLY WORTH IT, IF YOU CAN ENJOY IT. SLATE lacksquare..... \bigcirc





Did you catch all the AI in those Super Bowl ads? Amazon pokes fun at itself and those well-publicized Alexa Failures



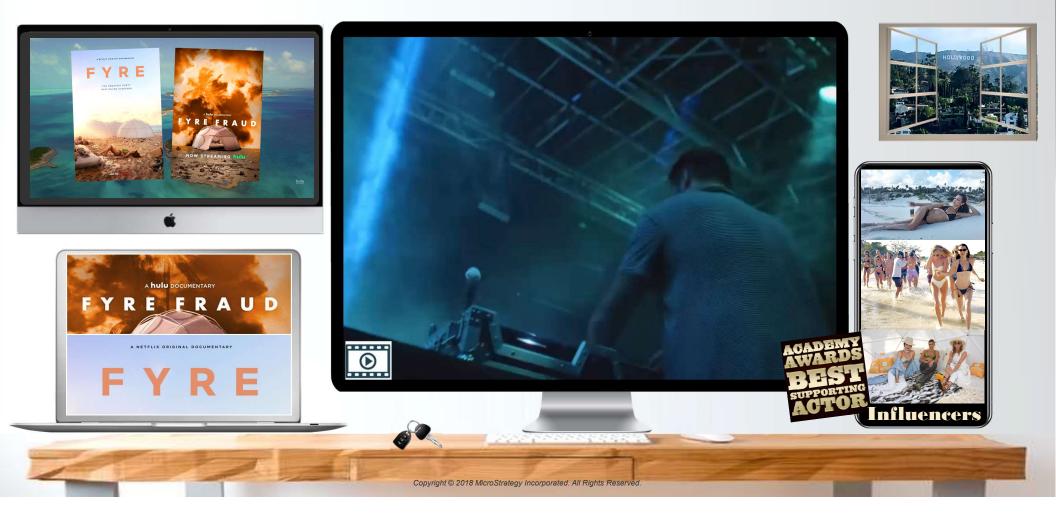
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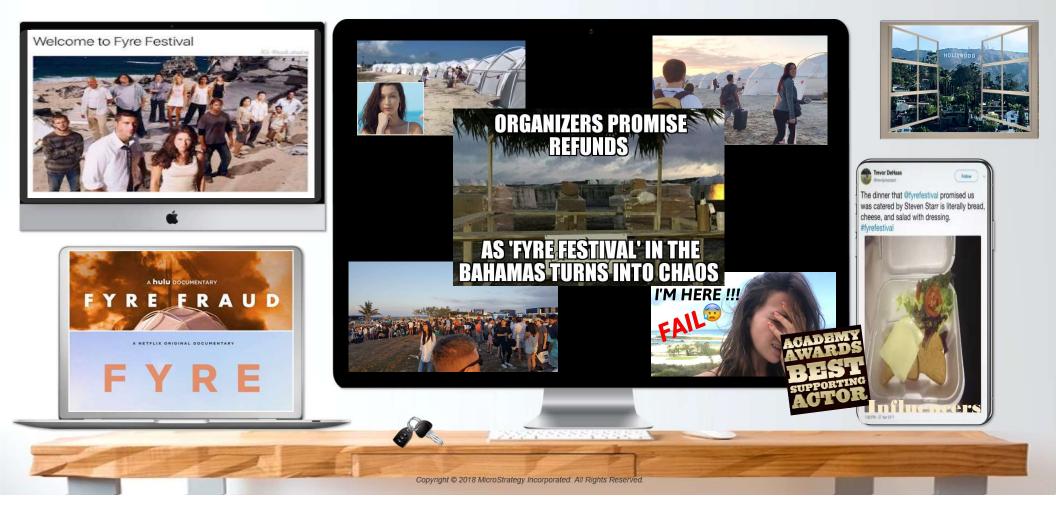
Promoters vs. Influencers Two Movies about the failed Fyre Festival



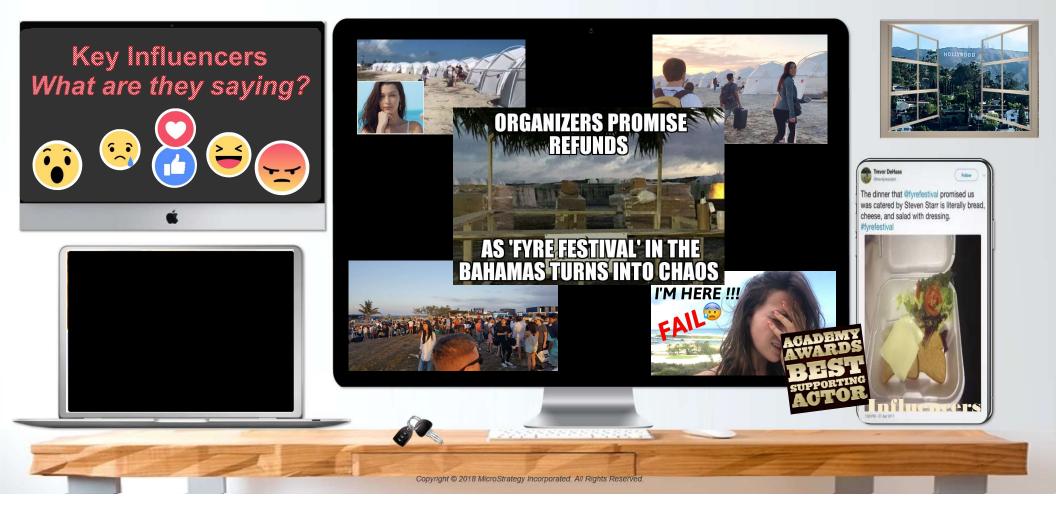
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Influencers: Can make you or break you Two Movies about the Failed Fyre Festival



Influencers: Can make you or break you Flashback to HITS Fall 2018



Influencing the Key Influencers Flashback to HITS Fall 2018



Influencing the Key Influencers Flashback to HITS Fall 2018



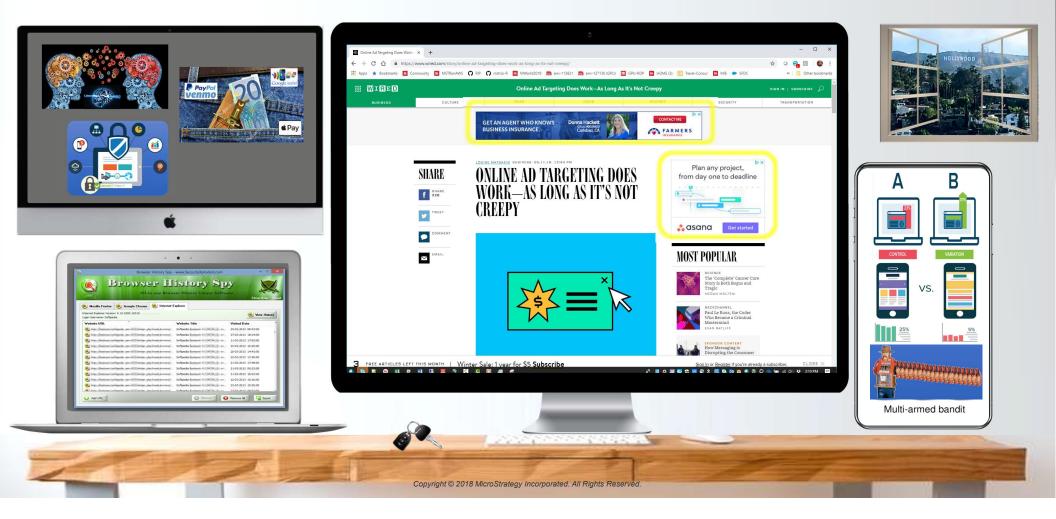
Influencing the Key Influencers Flashback to HITS Fall 2018

Sentiment Analysis with MicroStrategy

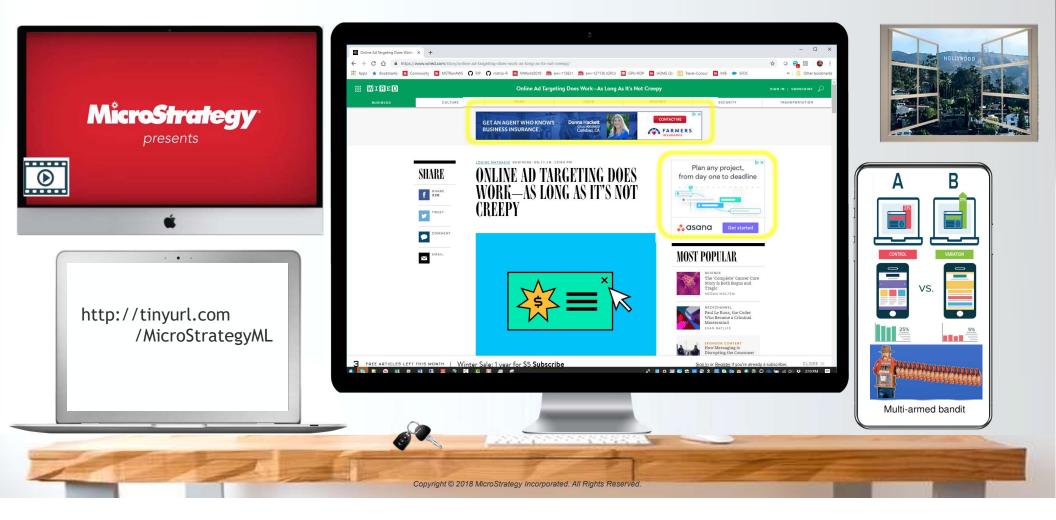
Video: http://tinyurl.com/MicroStrategySA



Machine Learning in Action



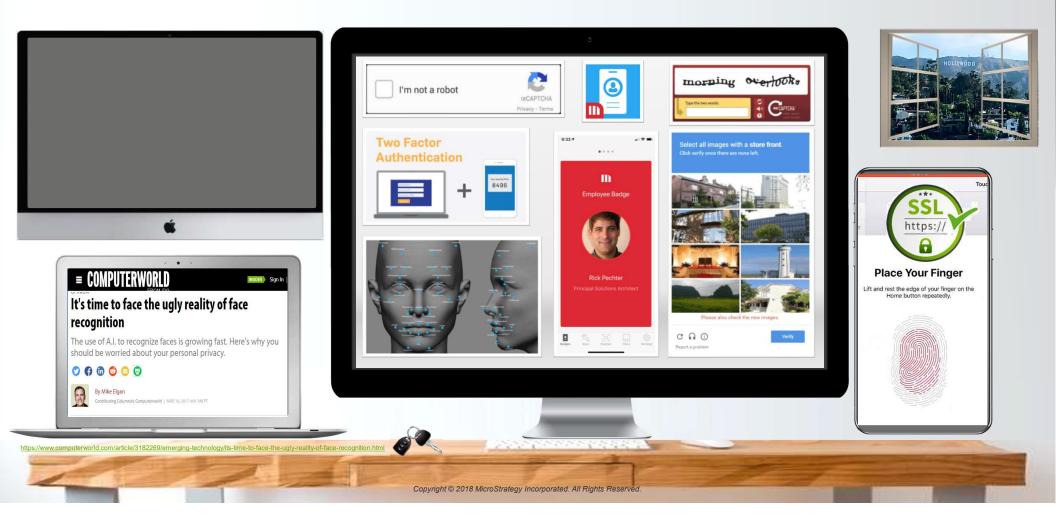
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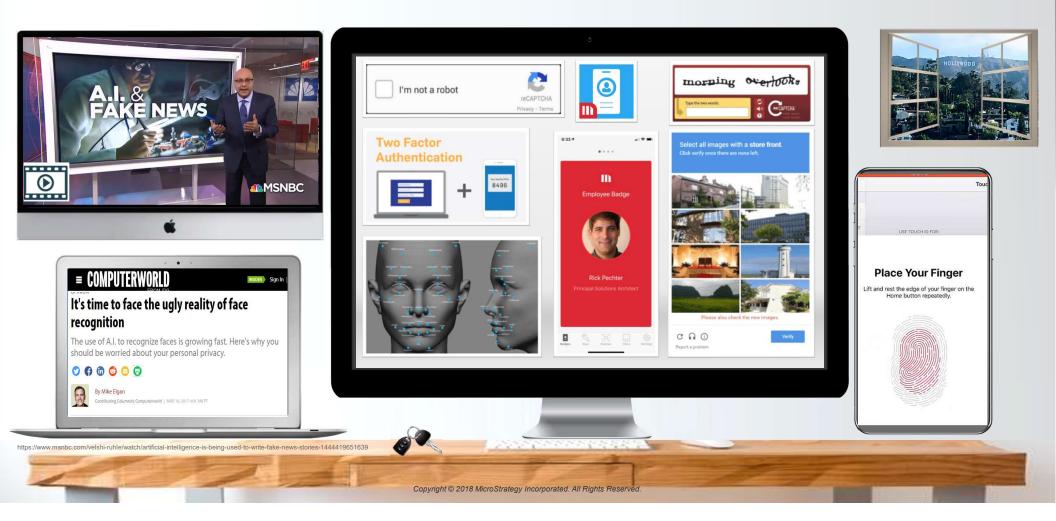
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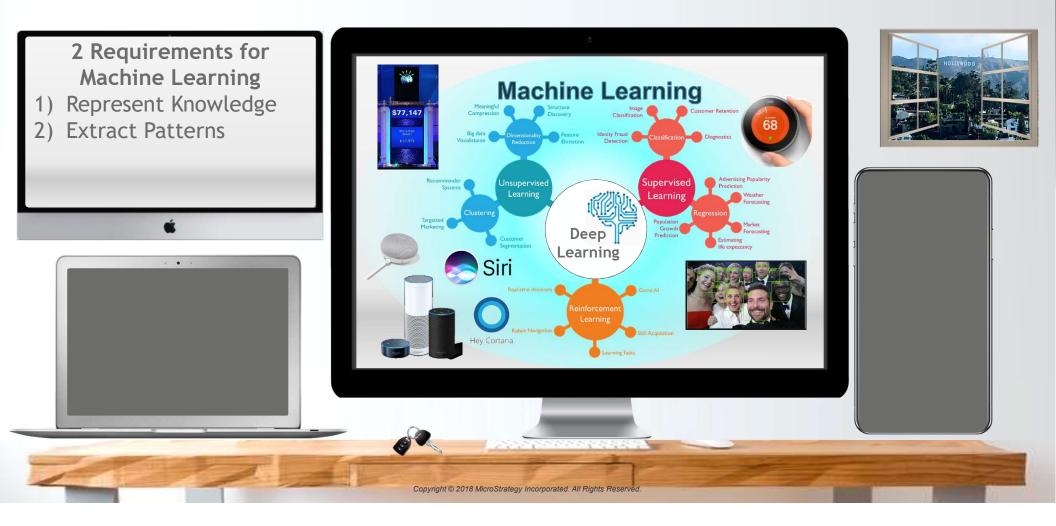
Users vs. Al vs. Hackers: An Accelerating Arms Race



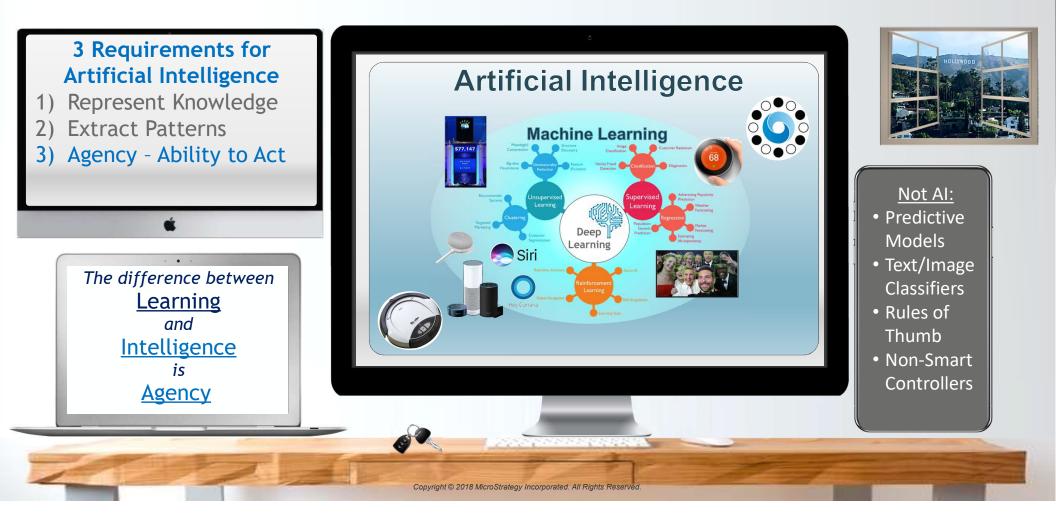
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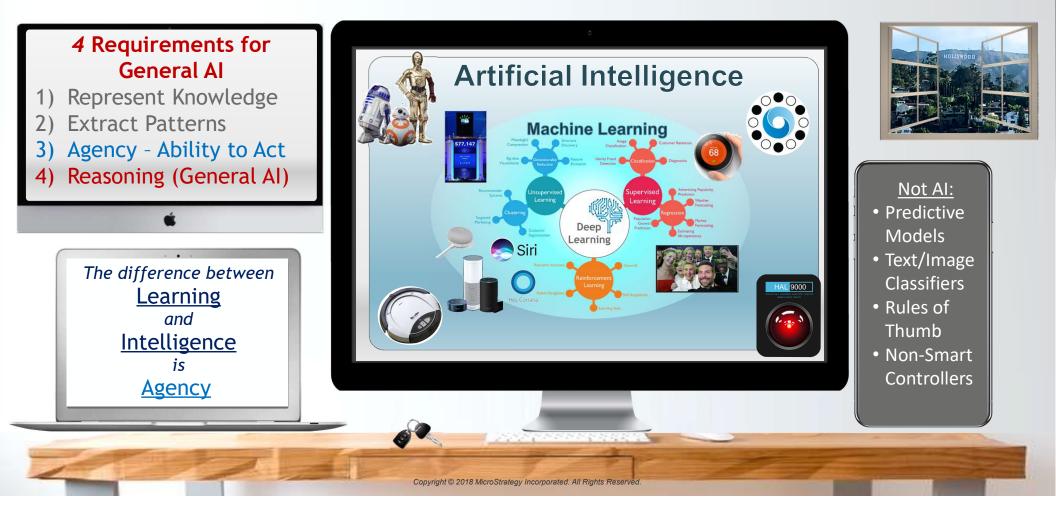
The Difference between Learning and Intelligence Learning is the ability to extract patterns from knowledge



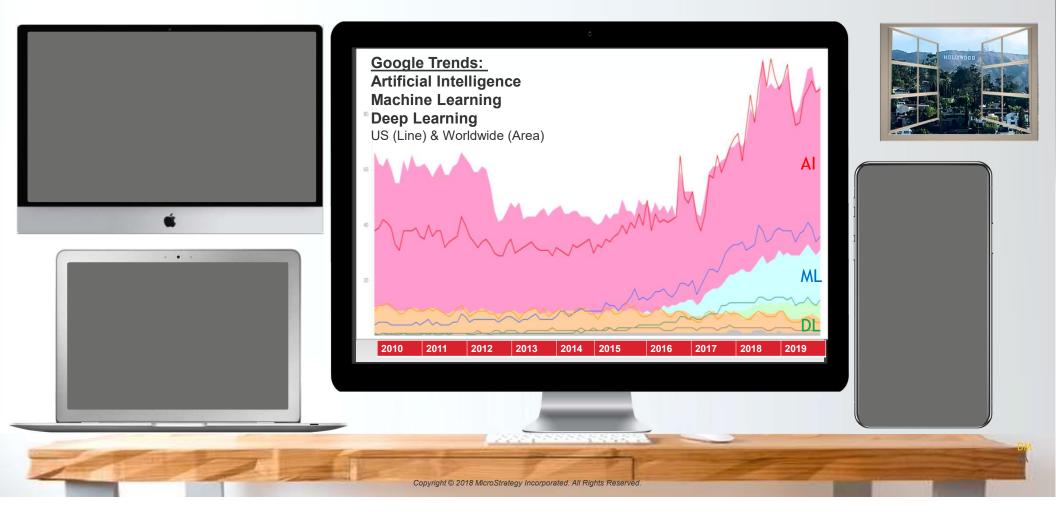
The Difference between Learning and Intelligence Intelligence is the ability to apply learning into action



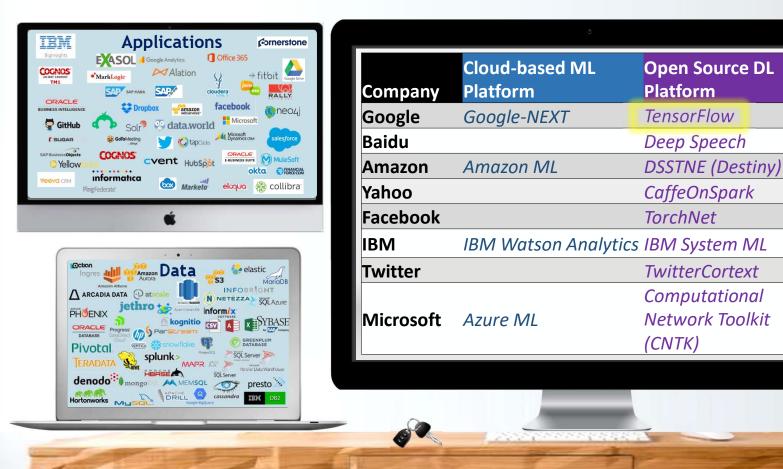
The Difference between Learning and Intelligence (for completeness, the *Ability to Reason* is a hallmark of General AI)



Google Trends: AI, DL, ML *Have we plateaued?*



Virtually All Major Tech Companies have Open ML/DL Platforms And this is in addition to all the other technologies our customers use

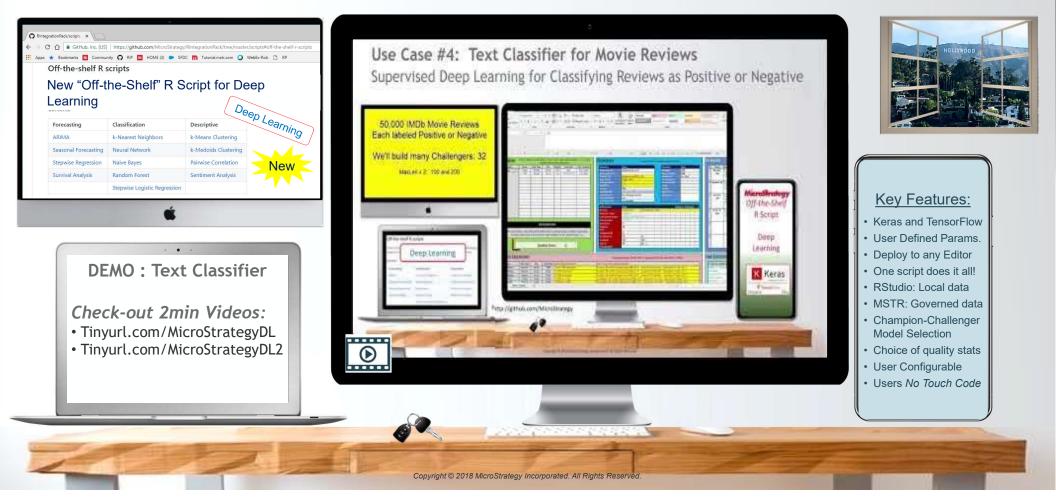






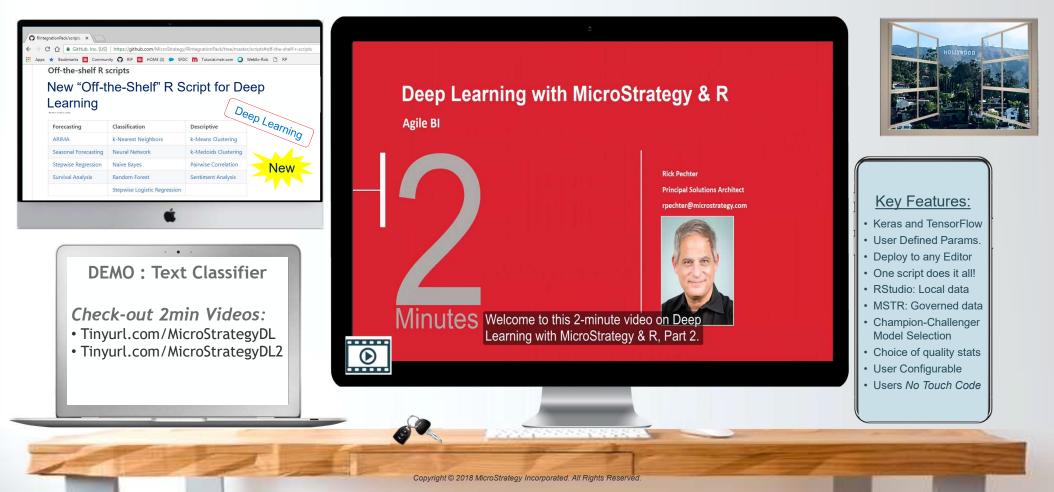
Deep Learning in Action *Text Classifier*

- Not shown:
- Error Handling/Logging
- R Script Task Logging
- Out-of-Band outputs including training plots, scored datasets
- .Rdata files capturing complete R environment
- mstrio support

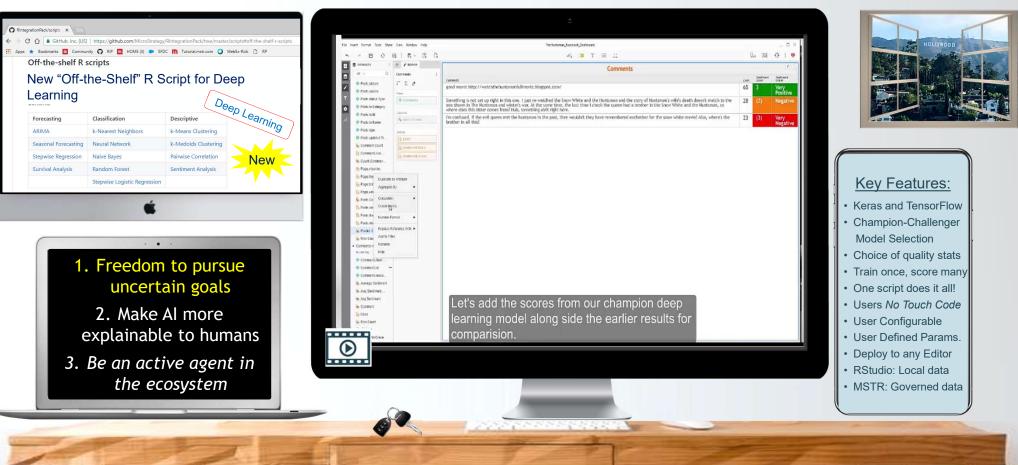


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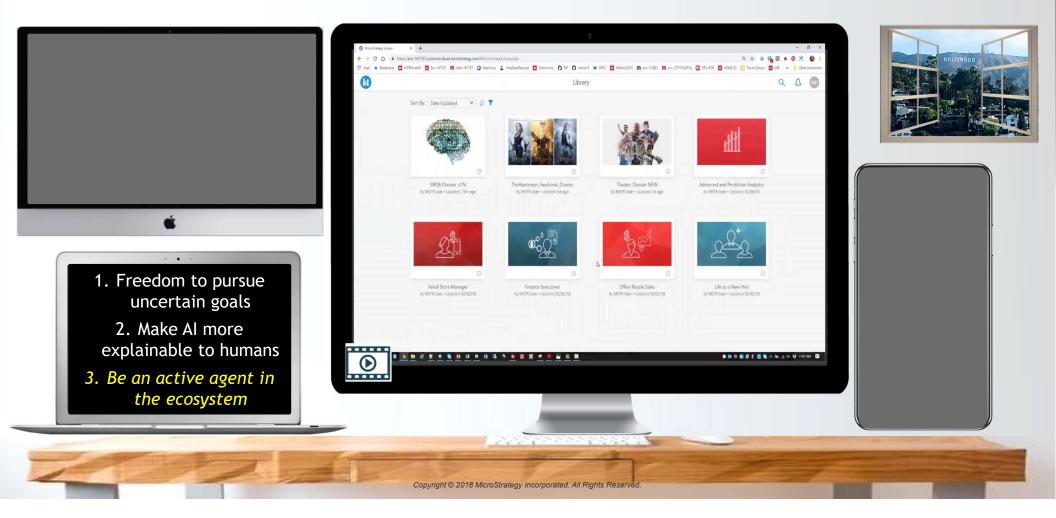


Deep Learning in Action *Text Classifier*



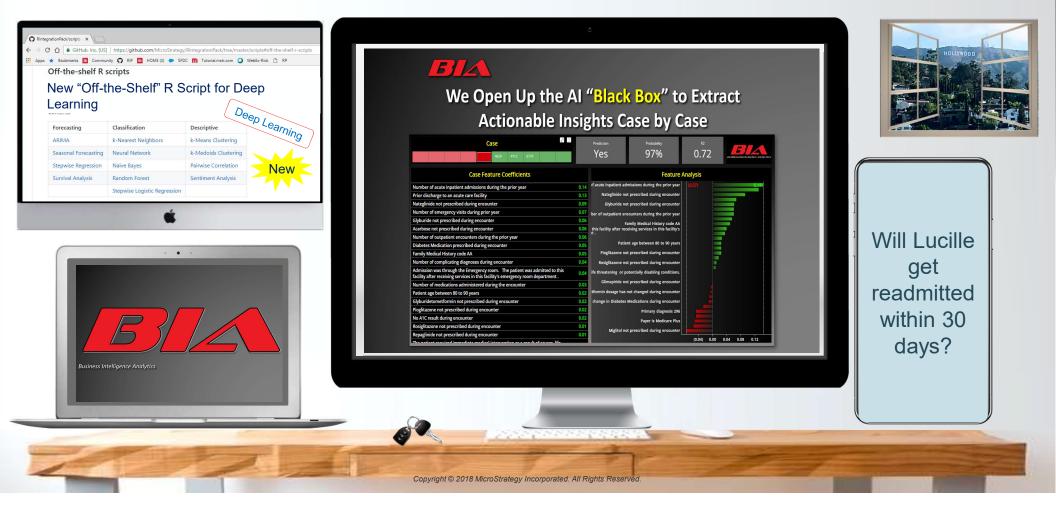
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Be an Active Agent in the Ecosystem Using MicroStrategy HyperIntelligence[®]



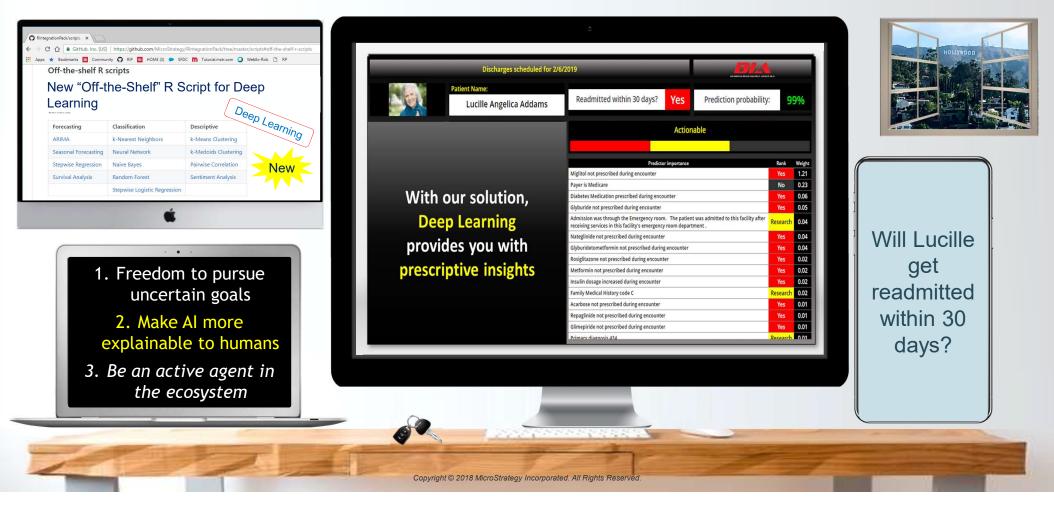
Deep Learning in Action *Making Deep Learning Explainable - "Citizen AI"-Style*

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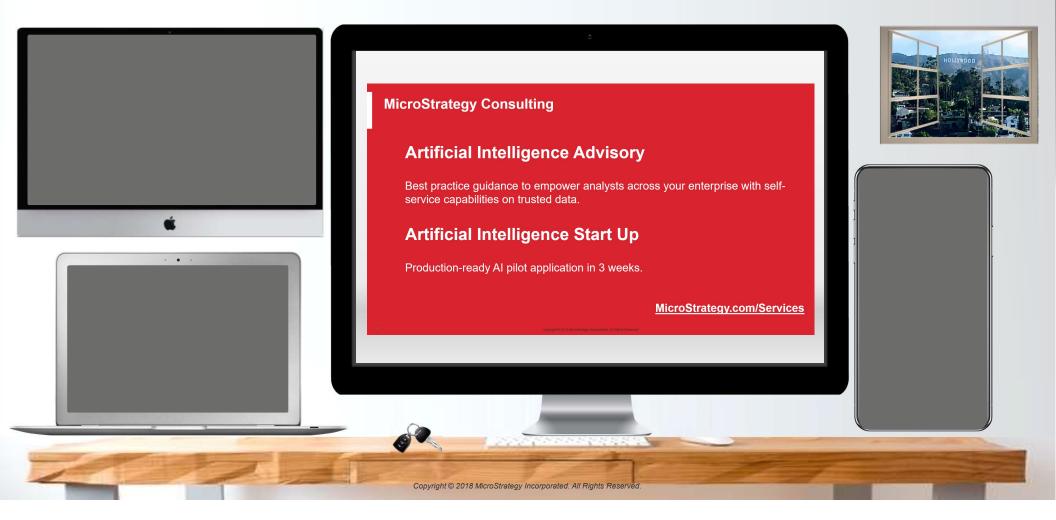


Deep Learning in Action *Making Deep Learning Explainable - "Citizen AI"-Style*

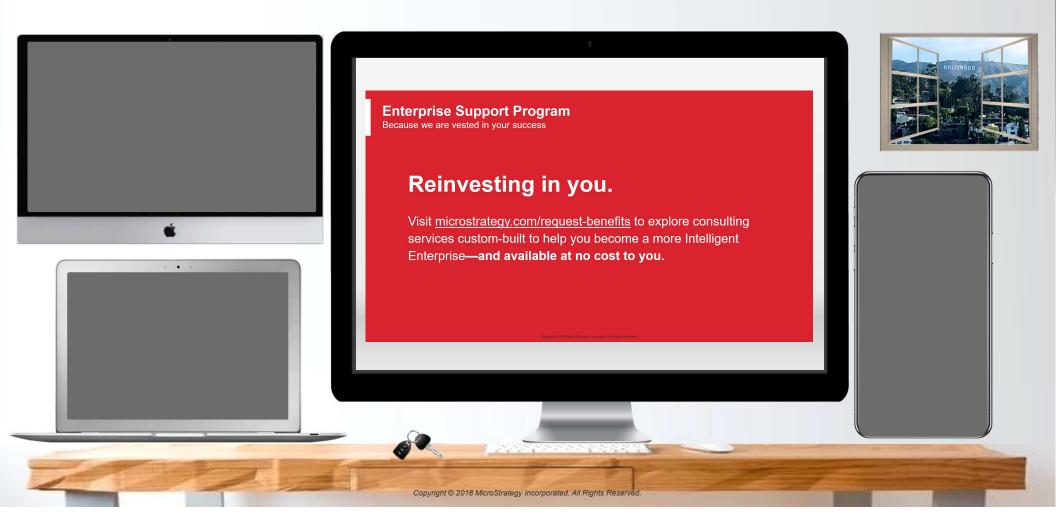
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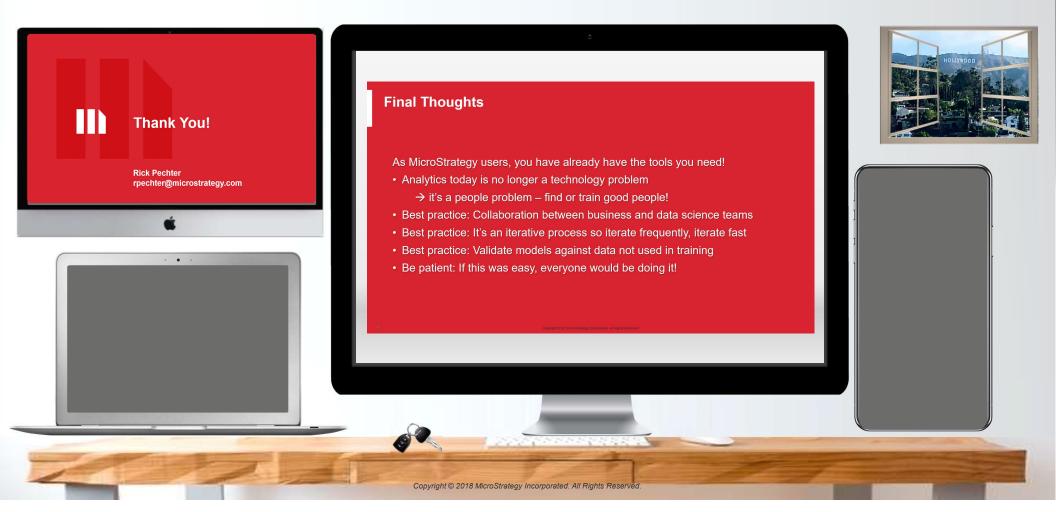
Next Steps:



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Open Letter to All the Als Out There:

Adapted from "Nothing About Me" by Sting from Ten Summoner's Tales (A&M 1993)

