




# GREECE: WITH AN AI TO THE FUTURE

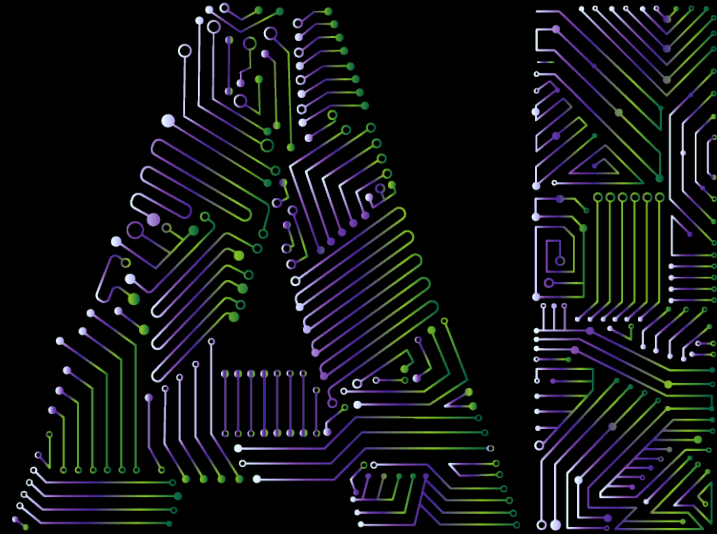


**VALIA SIAKAVELLA**

ATHENS, JUNE 6, 2019

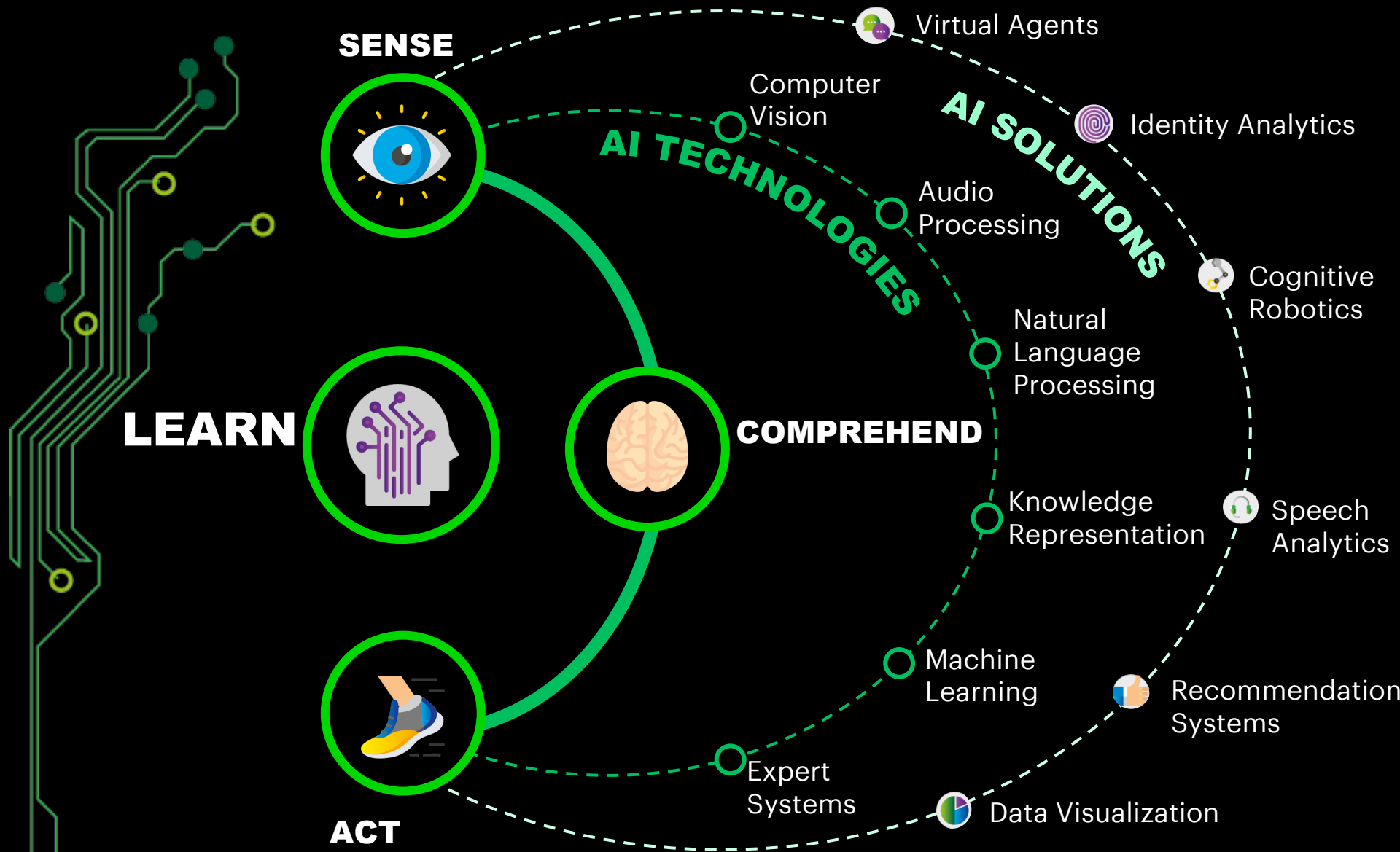
In collaboration with  Microsoft

# AI DISRUPTION IS THE NEW NORMAL



# EXPLAINED...

# THE AI "DECODER RING"



# AGENDA



**#1**

**THE GREEK AI  
PUBLIC & BUSINESS  
SENTIMENT**

**#2**

**AI AS A DRIVER  
FOR GREECE'S  
GROWTH**

**#3**

**NEXT STEPS FOR  
POLICY MAKERS &  
BUSINESS LEADERS**

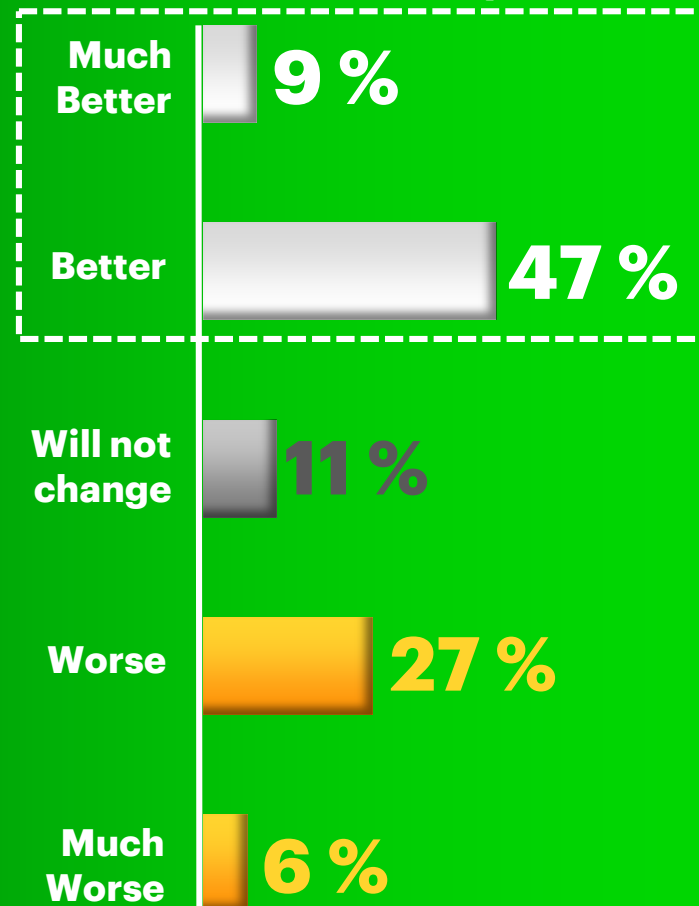


# THE AI PARADOX IN THE GREEK SOCIETY

The prospect of an AI future makes Greeks at an individual level to feel...



No matter the high levels of concern, Greeks appear optimistic for AI's potential contribution to society



# LEVEL OF TRUST FOR AI APPLICATIONS



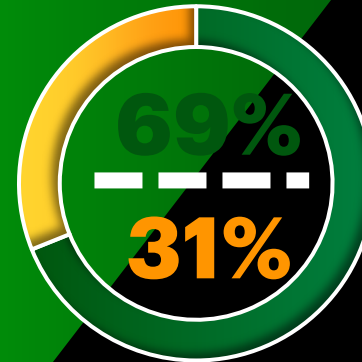
Home Energy Consumption



Home Security



Health Monitoring



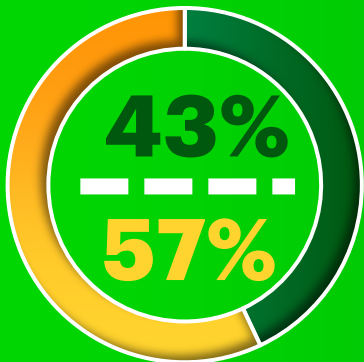
Would trust totally/  
to some extent



Would not trust very  
much/ at all



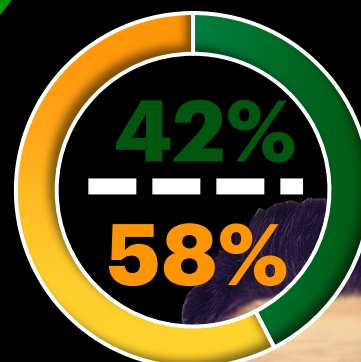
Vehicle Driving



Children Safety



Financial Affairs



# AI AS AN “AGENT FOR CHANGE”

A decorative graphic on the left side of the slide. It features a dotted white line that starts near the top left and curves downwards. Below the line are several pieces of origami paper: one green piece and three white pieces, all in various folded states.

85 %

**Cited** that AI will open enormous opportunities for their business to create new categories of products, services, business models and/or markets

73 %

**Expect** that AI will disrupt their industry over the next three (3) years and change the nature of competition

71 %

**Fear** that if they do not implement AI, their competition will invest in AI and their business will be at a severe competitive disadvantage

# GREEK BUSINESSES' AI INERTIA



**54 %**

**Believe** that AI is still immature to invest, though as capabilities become more mature they will shift resources to accelerate adoption

## Businesses' progress to date with deploying AI

We have deployed fully sustainable AI programs within our organization or to customers

**3 %**

**45 %**

We are in the early stages of program investments & implementation of AI within our organization or to customers

**23 %**

**41 %**

We have several pilot initiatives and we are assessing the outcomes from these pilot programs

**37 %**

**11 %**

We have not started any AI initiatives or deployments but plan to in the next year

**2 %**

**26 %**

We do not have any AI initiatives planned

**11 %**

**1 %**

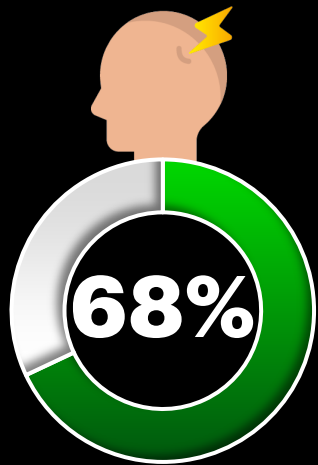
 Greek Sample

 Global Sample

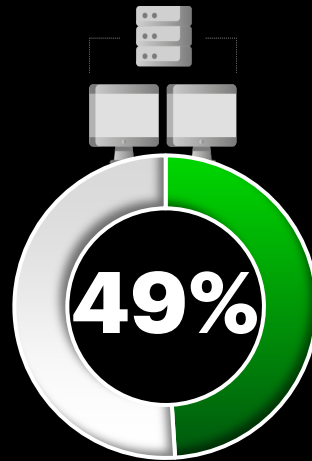


# AI SOLUTIONS CAN BE VIEWED AS CHALLENGING TO PLAN & EXECUTE...

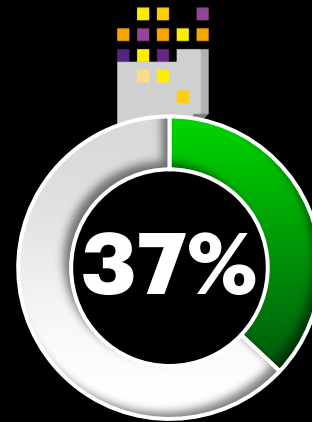
## Top-of-mind Challenge Areas



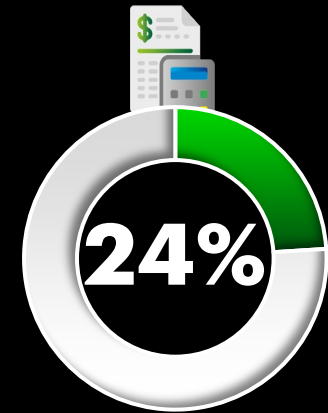
**Lack of expertise  
(skills) to implement  
& use AI technologies**



**Compatibility issues  
between AI and legacy  
IT infrastructure**



**Data Quality**



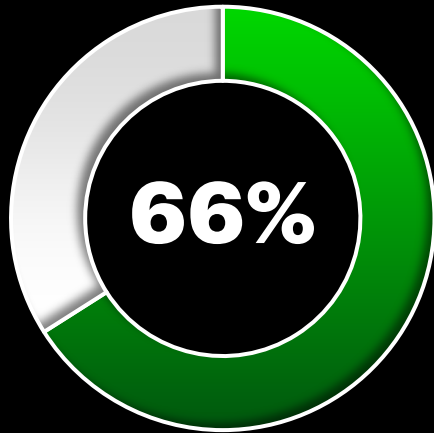
**High investment  
cost**



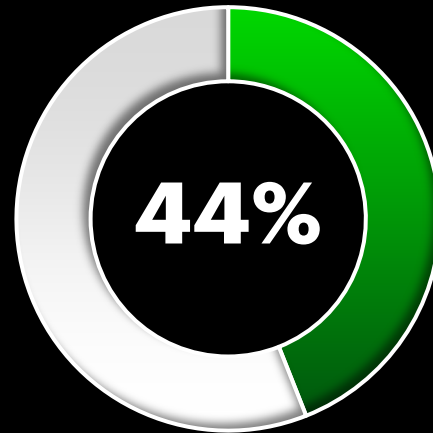
% of Greek executives that  
stated these areas as the top-of-  
mind challenges for AI adoption

# ... AND APPEAR TO RAISE SIGNIFICANT CONCERNS AMONGST GREEK EXECUTIVES

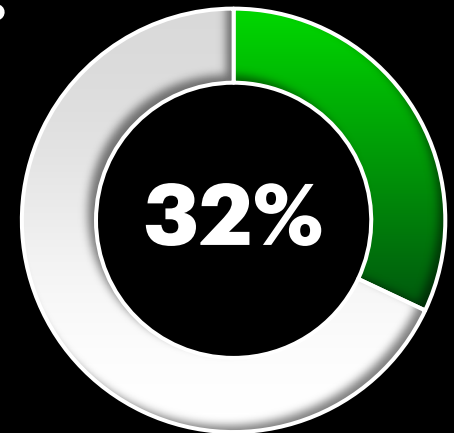
## Top-of-mind AI risks



**Wrong decision-making  
due to AI  
recommendations**



**Cyber security  
risks & threats**



**Customer attrition  
due to AI failure**



% of Greek executives that  
stated these areas as the top-of-  
mind risks for AI adoption

# AI CAN DRIVE GROWTH THROUGH THREE “CHANNELS”

## The AI-Growth “Channels”

### Intelligent Automation



Create a new virtual workforce

### Labor and Capital Augmentation



Complement and enhance the skills and ability of existing workforces and physical capital


### Innovation Diffusion



Drive innovation in the economy

# THE AI - ADDED VALUE

\$19.5BN

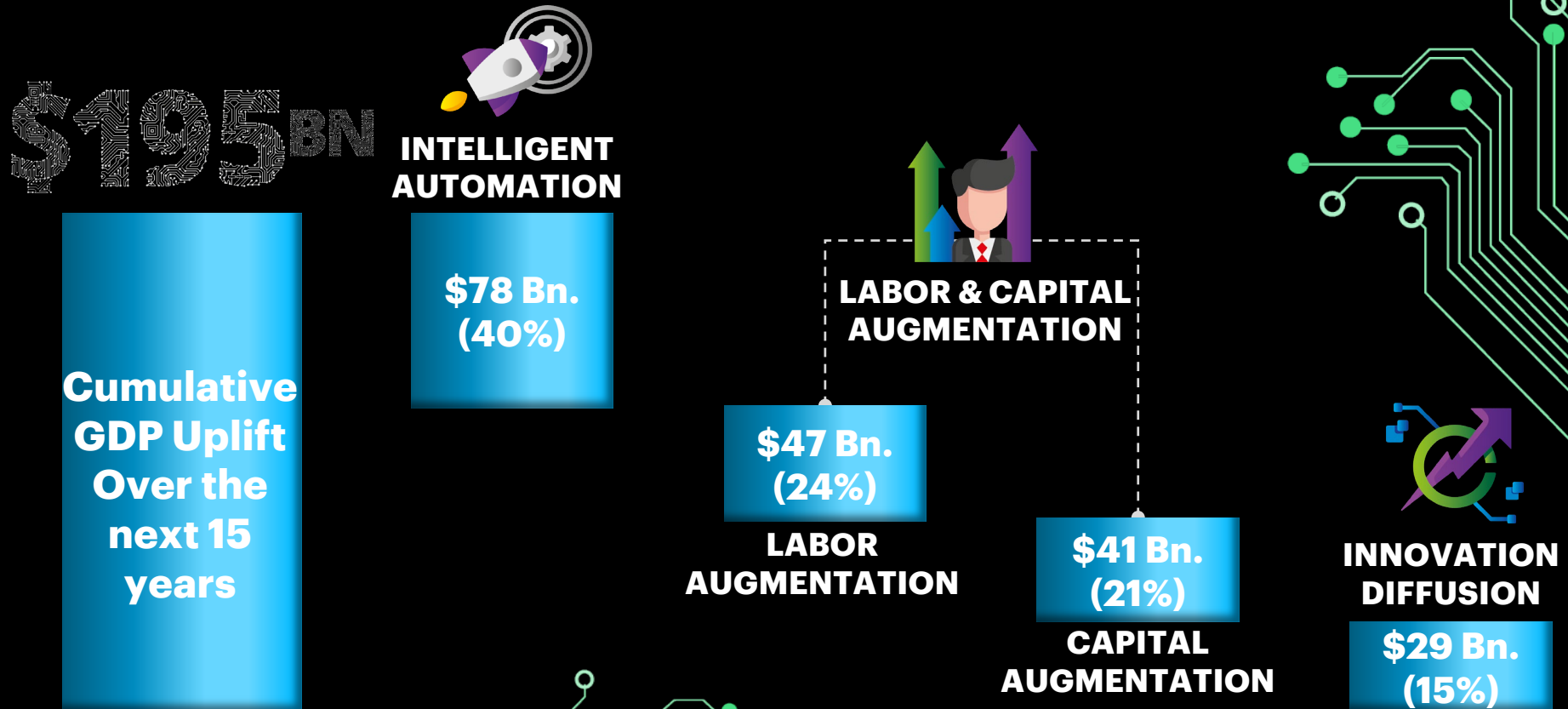


**Cumulative GDP Uplift due to AI impact  
over the next 15 years**



# DISSECTING THE AI - ADDED VALUE

Greece's cumulative GDP Uplift, 2020 - 2035, breakdown per "channel" of AI Growth  
(US\$ Bn., constant 2010 prices, %)





# HOW TO REALIZE AI'S PROMISE WHILE CONTROLLING THE PERIL

## For policy makers: Clearing the path to an AI Future



- **Accelerate Greece's Digital Rotation**



- **Advocate a code of ethics for AI**



- **Prepare the next generation for an AI future**



- **Address the redistribution effects and ensure inclusion**

## For business leaders: Create a new playbook for an AI world



- **Step beyond automation towards innovation and true growth**



- **Reimagine work and move from workforce planning to work planning**



- **Organizationally experiment and learn**



- **"New-Skill" to collaborate with intelligent machines**

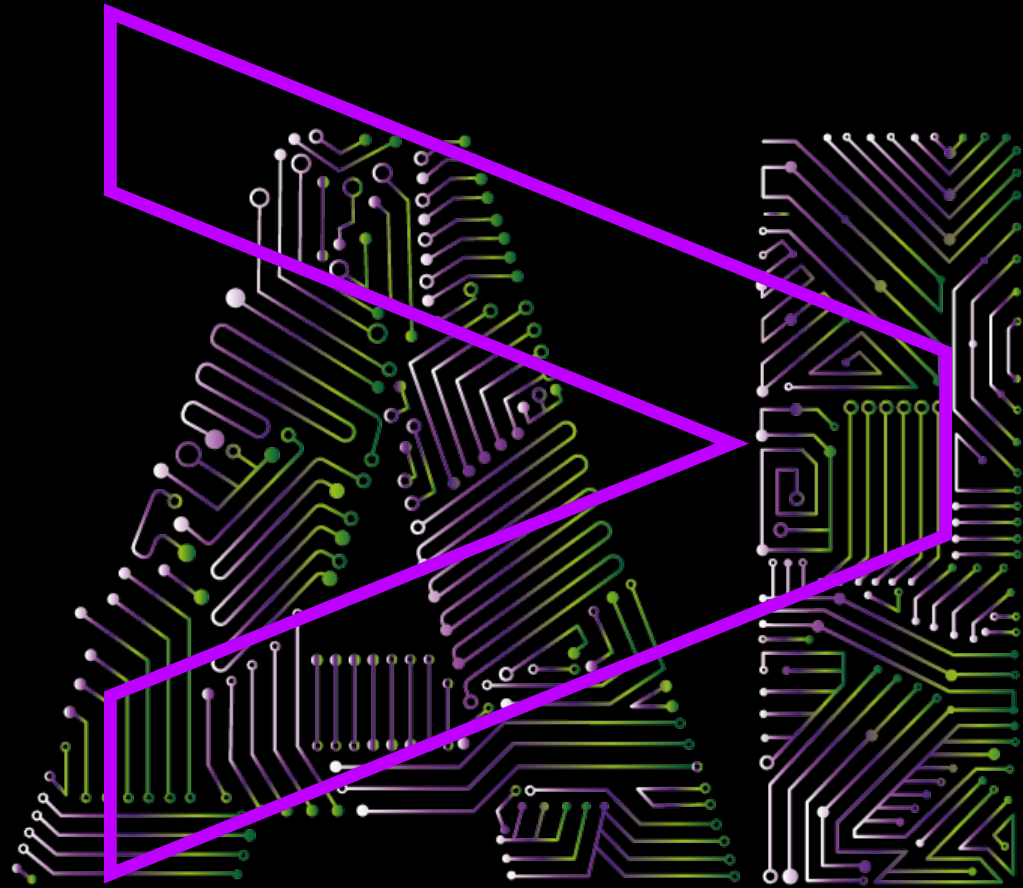


- **Take data "off the bench" and "into the game"**

# **COULD AI BE AN ECONOMIC SALVATION?**



# THANK YOU



***Download the Report  
“Greece: With an AI to the Future”***

[www.accenture.com/gr-en/insights/digital/greece-an-ai-future](http://www.accenture.com/gr-en/insights/digital/greece-an-ai-future)