




DELL Technologies

Acteur majeur de
l'Intelligence Artificielle
et du Machine Learning

We are entering a **new era**



Wave 1

Destination

Wave 2

Portable

Wave 3

Immersive

VR & AR are part of a story of changing usage patterns to increase productivity

51%

**OF ALL CONSUMERS
already using voice
assistants**

40%

**REDUCTION IN GOOGLE'S DATA
CENTER COOLING COSTS**
via DeepMind Artificial Intelligence

\$35B

**ARTIFICIAL INTELLIGENCE
Chip Market by 2021**

IMMERSIVE AND COLLABORATIVE COMPUTING





Windows 10 Pro

DELL Technologies



Interplay
Learning
Training As You've Imagined





Jobs Training



Interplay
Learning

**AI
ENGINE**

Innovate
On **Compute**

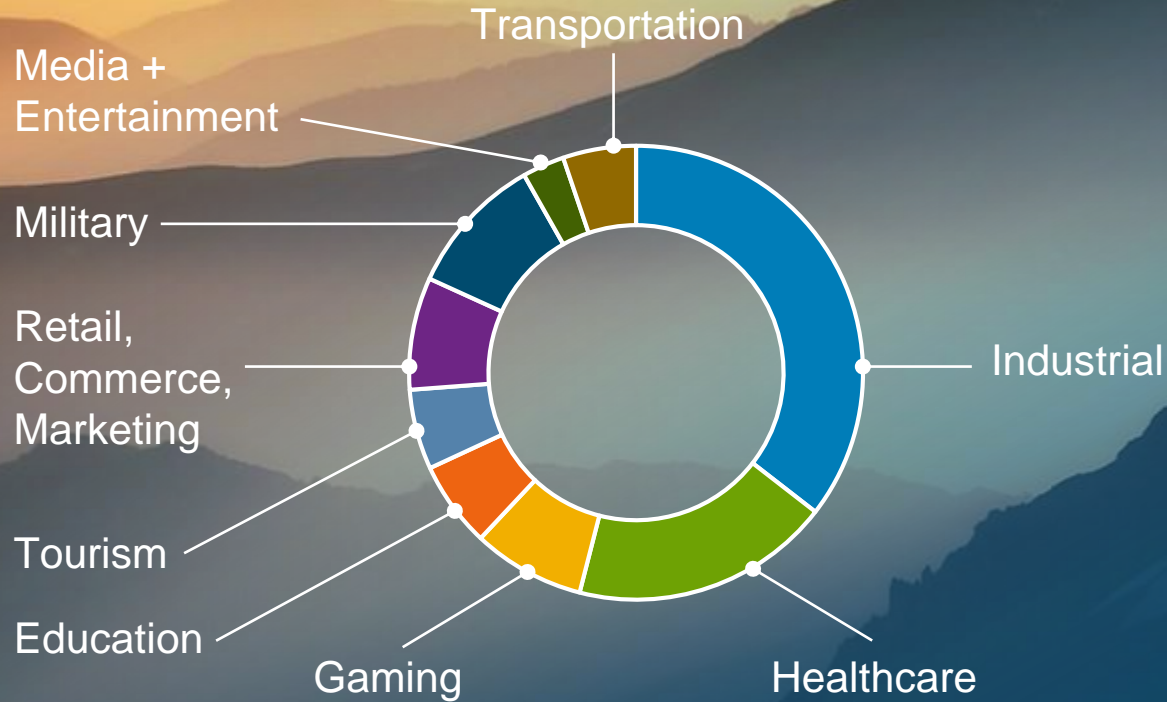
**AI
FUEL**

Store, Manage, Protect
The **Data**

**AI
BRAIN**

Provide The **Multi-cloud
Platform** For AI

AR and VR applied across verticals



Source: ABI Research 2015-2021



Dell's Leadership

And Experience in AI



AI Transformation...

is a change of the
decision-making process
in an organization

Drones
save lives



Connected cars



McLaren Agreement for Human Progress



TECHNOLOGY PARTNER





Fraud detection at Mastercard

AI is not the future
It's already here

AI has been powering
scientific research
for a long time now





AeroFarms

Agriculture and AI
can change the way
we produce food



Battling, analyzing
and predicting firestorms
with smart technology



Why AI?

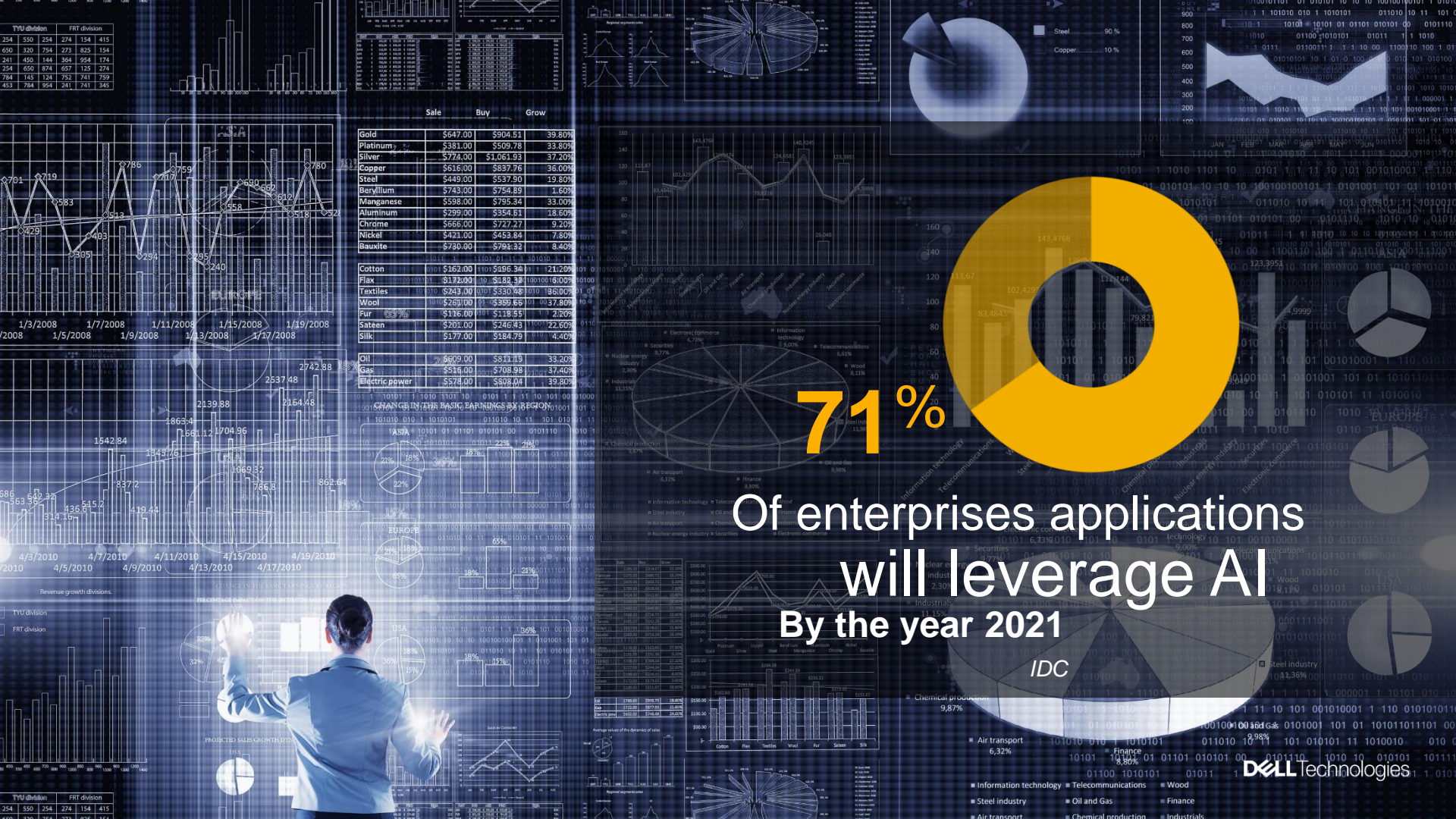
54%

Of companies plan to use AI to create and deliver a better customer experience

50+%

Of companies plan to use AI to improve business and IT operations efficiencies

Forrester, CIOs Need To Take The Lead On AI For Transformational Outcomes Across The Company



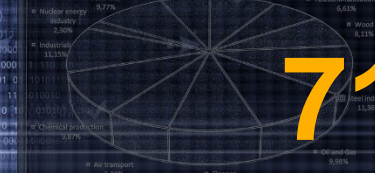
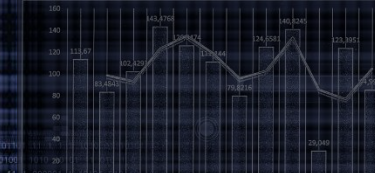
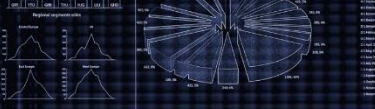
TYU division	FRT division
254	350
254	274
154	154
415	
680	730
754	273
885	134
241	482
144	384
284	284
174	
254	650
874	657
135	274
784	145
752	741
759	
483	784
954	241
741	345

Year	Value
2008	100
2009	110
2010	120
2011	130
2012	140
2013	150
2014	160
2015	170
2016	180
2017	190
2018	200
2019	210
2020	220
2021	230

Commodity	Price 1	Price 2	Price 3
Gold	\$847.00	\$904.51	39.80%
Platinum	\$381.00	\$609.78	33.60%
Silver	\$171.00	\$1,054.93	37.20%
Copper	\$616.00	\$837.76	36.00%
Steel	\$449.00	\$537.50	19.80%
Beryllium	\$743.00	\$754.89	1.60%
Manganese	\$598.00	\$755.34	33.00%
Aluminum	\$299.00	\$354.61	18.60%
Chrome	\$666.00	\$727.27	9.20%
Nickel	\$421.00	\$454.84	7.80%
Bauxite	\$730.00	\$794.32	8.40%

Commodity	Price 1	Price 2	Price 3
Cotton	\$162.00	\$186.34	121.20%
Flax	\$120.00	\$184.32	153.60%
Textiles	\$243.00	\$330.48	136.00%
Wool	\$251.00	\$395.85	157.70%
Fur	\$186.00	\$110.55	22.00%
Saten	\$201.00	\$246.43	22.60%
Silk	\$177.00	\$184.79	4.40%

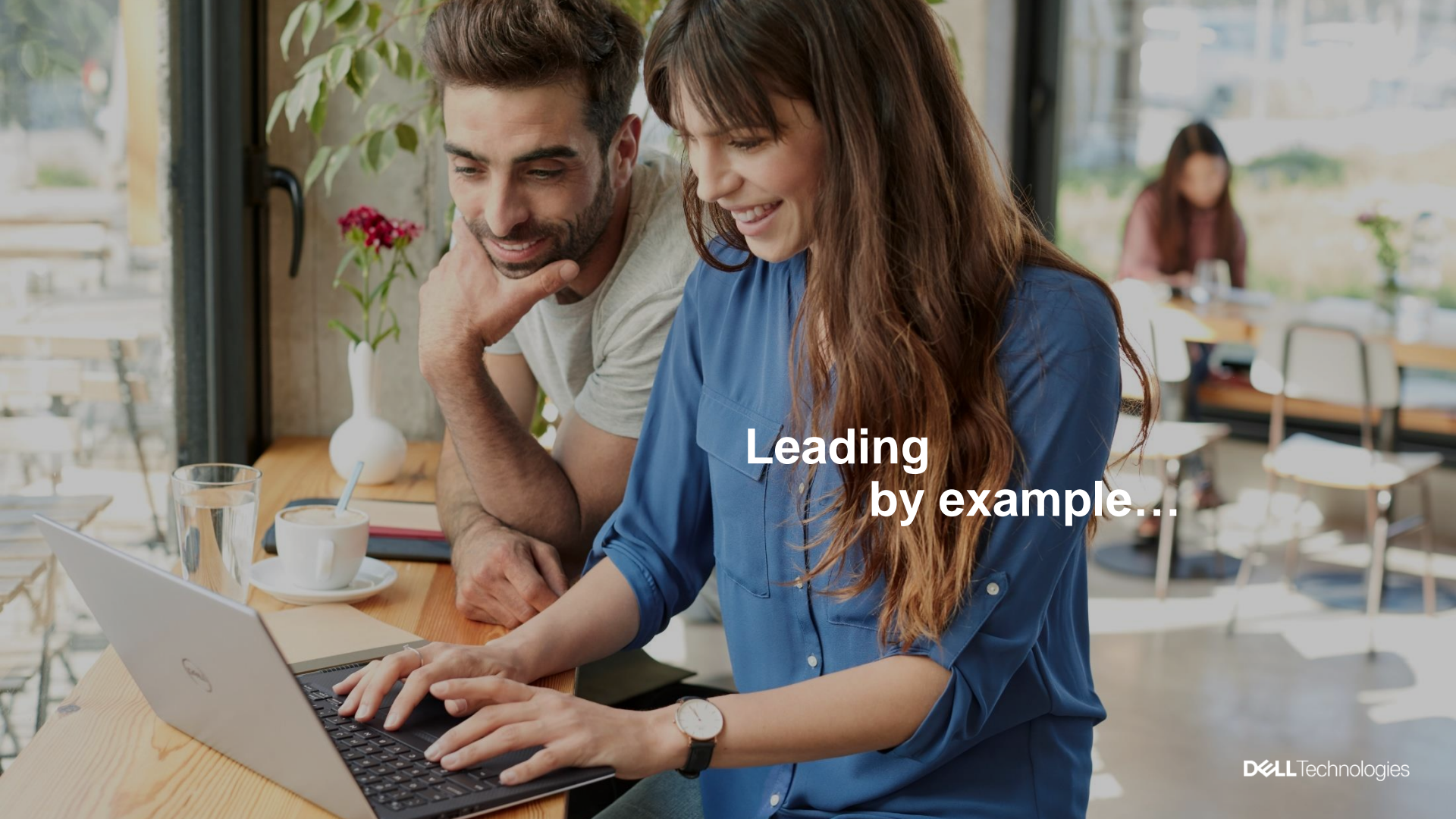
Commodity	Price 1	Price 2	Price 3
Oil	\$609.00	\$811.99	33.20%
Gas	\$516.00	\$708.98	37.40%
Electric power	\$574.00	\$808.04	39.80%



71%

Of enterprises applications
will leverage AI
By the year 2021



A man and a woman are sitting at a wooden table in a bright, modern cafe. The woman, wearing a blue button-down shirt, is typing on a silver laptop. The man, wearing a light-colored t-shirt, is leaning in and looking at the screen with a smile, his hand resting on his chin. On the table, there is a glass of water, a cup of coffee, and a vase with red flowers. In the background, another person is seated at a table, and large windows let in natural light.

**Leading
by example...**

Adopter l'AI avec Dell EMC

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Dell EMC Poweredge



1

Modernize

2

Automatize

3

Transform

The bedrock of the modern data center

Designed to power your most complex workloads



Data Analytics

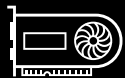
Supports 24 direct-attached NVMe drives and 2 FH FGAs

PowerEdge R840 4S/2U



CPU Virtualization

Fully connected UPI



Accelerator Support

Supports 2 DW FH GPUs or 2 FH FPGA



High Frequency Trading

Supports Intel HFT CPU SKUs and direct-attached, all-flash (NVMe or SSD) configurations

Powered by up to 4 Intel® Xeon® Scalable Processors



Artificial Intelligence/ Machine Learning

Supports 4 DW FH GPU or 8 FH FPGA and large internal storage



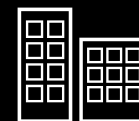
Next Gen Sequencing

48 Direct connect DDR4, no memory buffers



GPU/FPGA Database Acceleration

Supports 4 CPUs and 4 DW FH GPUs in a 1:1 ratio or 8 FH FGAs



SAP HANA

Higher storage capacity, large memory footprint & support for full Intel TDP stack

PowerEdge R940xa 4S/4U

Gen-Z Consortium



Introducing PowerEdge MX

Adaptable infrastructure





Merci