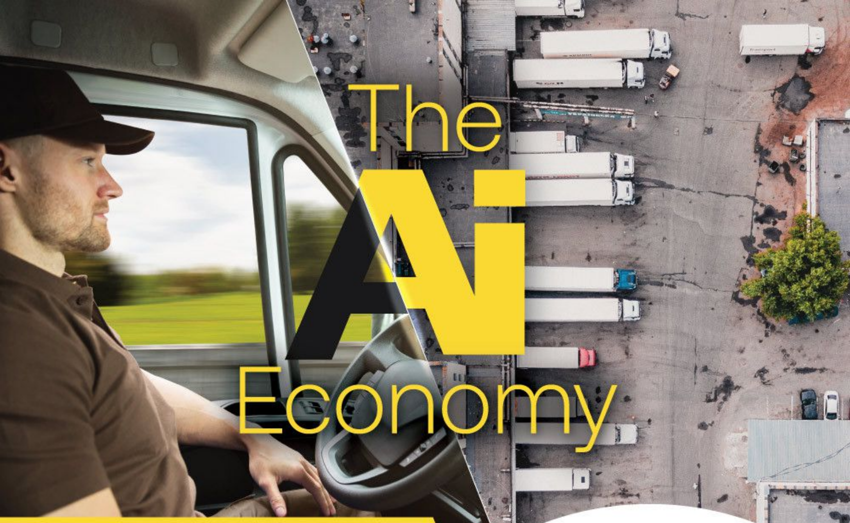


The AI Economy

Artificial intelligence (AI) could bring

$13 trillion

to the global economy by 2030

— but implementing AI technology comes with unique challenges

Leading the Way

By 2030:

Around 70% of companies could utilize some kind of AI technology

+16%

Potential increased GDP of local economies, driven by AI expansion

How AI Affects the Economy

Modification of current occupations

Automation and possible job elimination

Innovation of products and services

Increased activity in global marketplace

Emerging Markets

U.S.

2011 - Present:
Google Brain aims to bring "the benefits of AI to everyone"

2019:
Federal initiative expands AI safety guidelines and resources

Europe

2018:
U.K. government aims to lead the development of ethical AI tech

2018 - 2020:
European Union hopes to invest $22.3 billion* in AI research

* 20 billion Euro

China

2016 - 2020:
Developing regulations for a "new generation" of AI

By 2030:
Aims to become the world leader for artificial intelligence

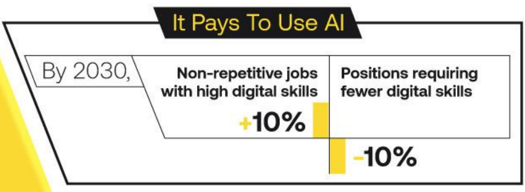
Between 2019-2030, **AI utilization** will increase exponentially **by as much as**

3 – 5x

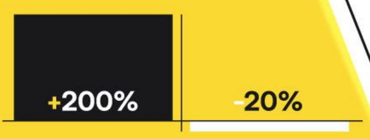
Performance Gap:

AI Adoption vs Falling Behind

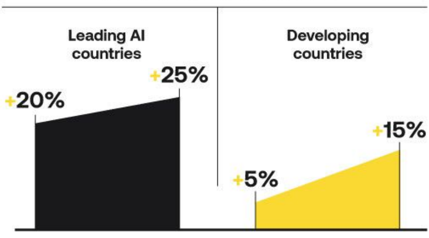
It Pays To Use AI



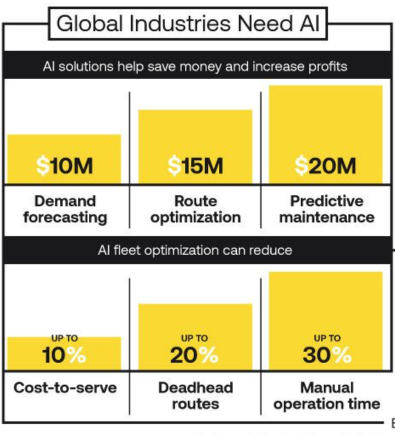
Implementing AI
Can Skyrocket Growth

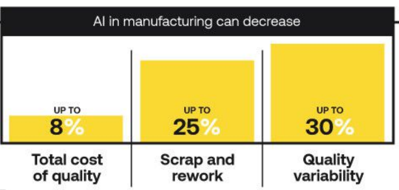


AI Adoption Brings
Net Economic Benefit



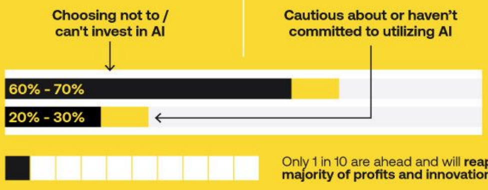
Global Industries Need AI





BUT

The Majority Of Companies Are Behind



Only 1 in 10 are ahead and will **reap the majority of profits and innovations**

Industry Struggles In Countries Lacking Technology Infrastructure

Need for focus on meeting current status quo rather than innovation

AI might offer less economic advantage than for first-world countries

By 2030, **70% of companies worldwide** may **utilize at least one type of AI tech**

BUT less than 50% would be from widespread adoption

Limitations To Implementation

No way to teach machines	**Lack of data**	**Difficulty analyzing results**	**Possibility of bias**

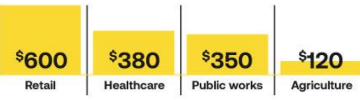
> "We are risking a new tech divide between those who have access to AI and those who do not . . .
>
> Every person and every country needs to have access to this new critical technology"
>
> — **Marc Benioff**
> co-CEO of Salesforce

AI And The Future Of Work

By 2030,

250-280 million new jobs could be created globally

Positive Impact Of AI By Sector*



* In Billions USD

Changing State Of Work

Up to 375 million workers **may need to change occupations**
AND virtually all workers may need to adapt to integrated human-AI work

30% of the activities in **most occupations could be automated**

> "**[AI technology]** will help to adapt learning to the needs of each individual by translating language, aiding memory and providing us feedback on our own emotional and cognitive state"
>
> — **Micah Altman**
> Director of Research and Head Scientist at the MIT Program of Information Science

Who will succeed in the AI Economy?

Those willing to learn new skills

Opportunities For Innovation

37% of workers believe the future after **AI is full of exciting possibilities**

A Chance To **Improve Society**

Work With Values	Prioritize Humans	Focus On Good
Emphasize diversity and inclusivity within tech systems	**Improve systems to work towards bettering the human race**	**Ensure that serving humanity is always the primary focus**
Digital networks should be well-regulated to avoid systemic bias	AI reorganizes systems with the goal of improving people/AI collaboration	Use intelligence to lever innovation towards global problems

Is Your Business Ready?

Follow These Steps To Integrate AI Into Your Business

Step 1: **Think Big Picture**

It can take up to 12 months to start seeing results — **Commit the time and budget needed** to see results

Pick the right problems to solve	**Consolidate the relevant data**	**Build, test, and deploy AI**

Step 2: **Define Success**

Address problems that take full advantage of the unique abilities of AI — And augment your current expertise

Clearly outline a meaningful problem	**Decide how you will measure success**	**Determine if you have the necessary data**

Step 3: **Learn** As You Go

Don't fall behind your competitors — The key to benefitting from AI is start building today

Start with a standalone problem	**Build solutions into your current processes**	**Continue to build toward Enterprise AI**

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Artificial intelligence is going to take the global economy by storm –

is your industry ready?

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