

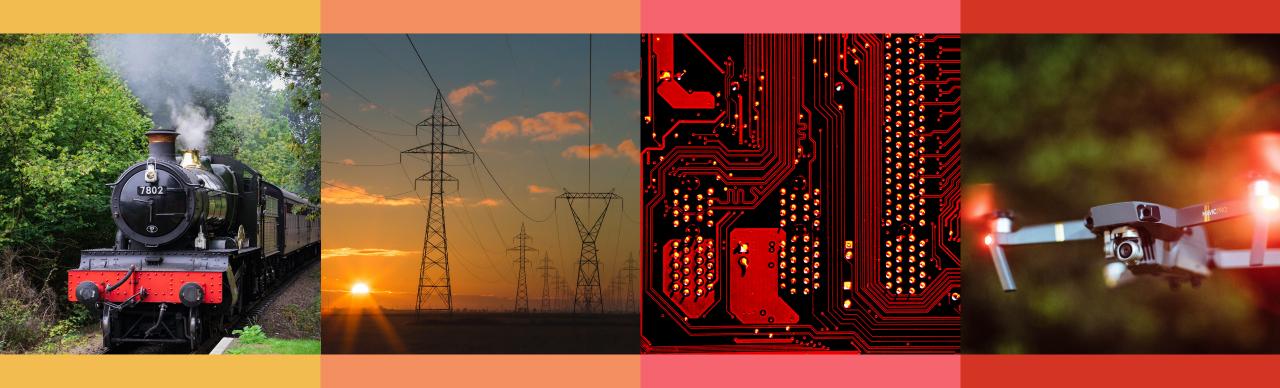




**CHANGE #1** 

## TECHNOLOGY ADOPTION

### INDUSTRIAL REVOLUTIONS



1784

1. Steam

1870

2. Electricity

1969

3. Computing

**TODAY** 

4. Intelligence

#### INTERNET

**MOBILE** 

CLOUD

Al

## TIME IT TOOK TO REACH 100 MILLION MONTHLY USERS

Google Translate 78 months

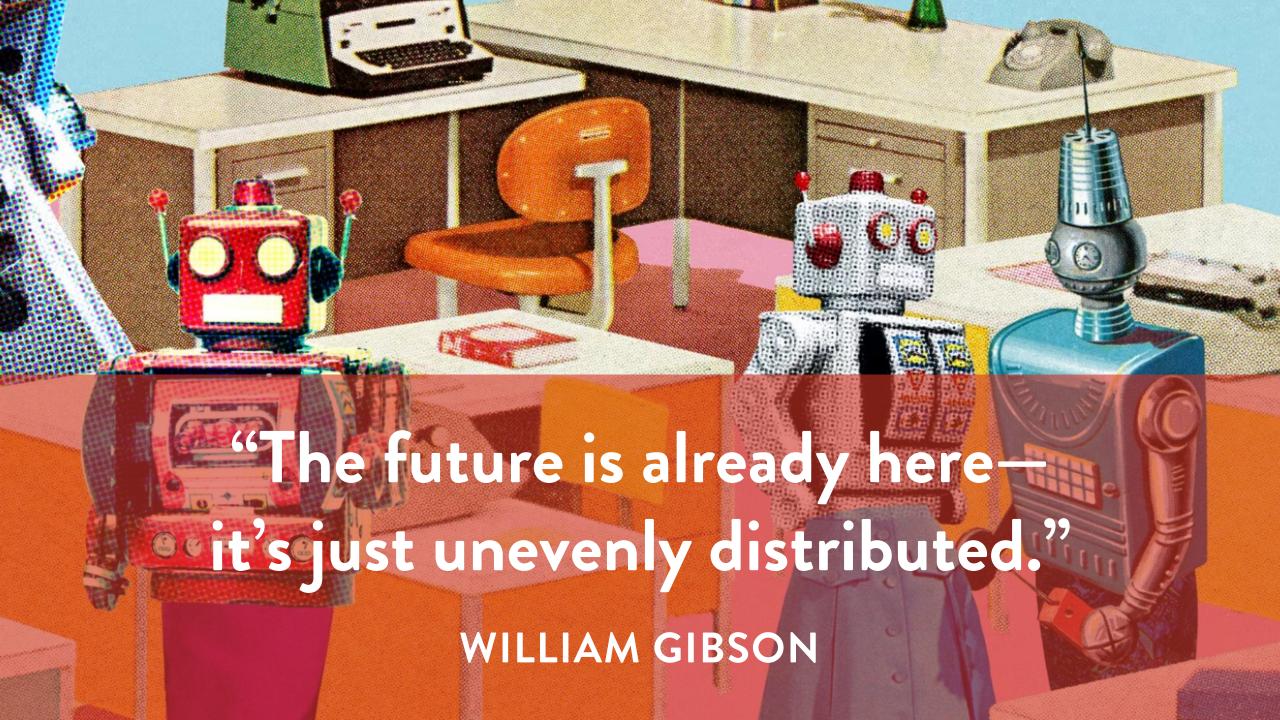
Uber months

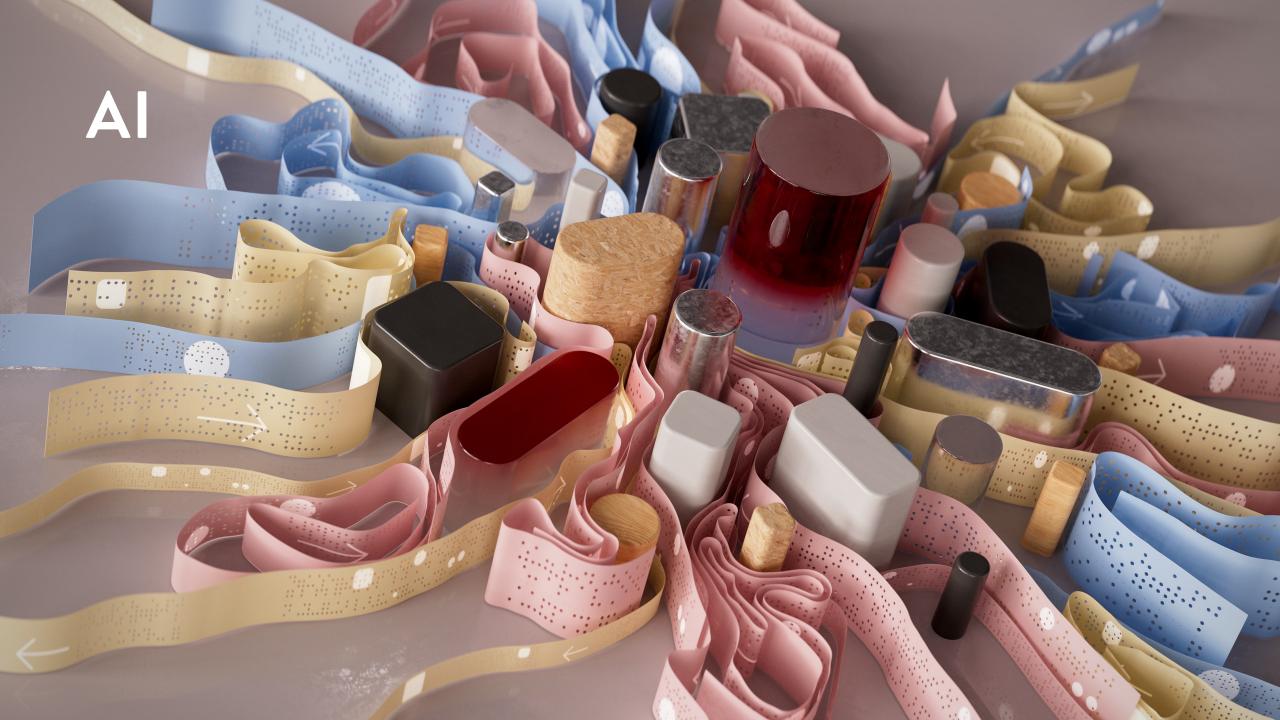
The est 41 months

nstagram 30 months

TikTok 9 months

ChatGPT 2 months







#### Artificial Intelligence

Systems with the ability learn and reason like humans

#### **Machine Learning**

Algorithms that improve their performance when given more data

#### **Deep Learning**

Algorithms that use artificial neural networks to learn from vast amounts of data



GPT (Generative Pre-trained Transformer) is a type of LLM (Large Language Model) that can perform various natural language tasks.



Model GPT-4

#### **PROMPT**

ChatGPT PLUS

GPT-4 currently has a cap of 25 messages every 3 hours. Expect significantly lower caps, as we adjust for demand.

Send a message...

<u>ChatGPT Mar 23 Version</u>. ChatGPT may produce inaccurate information about people, places, or facts

what impact will Al and automation have on college dining



1. Automated Food Preparation and Serving: Robots and automated systems are increasingly being used for food preparation and serving. This can help to reduce labor costs, increase efficiency, and maintain consistent quality. For example, robotic kitchens capable of preparing staple items like burgers, pizzas, chicken wings, and French fries are being piloted by major commercial chains. This trend is likely to expand across the foodservice industry, including in college dining, particularly as labor shortages persist and demand for production efficiency rises 1.

- Smart Vending Machines: Automated service points, such as smart fridges and hightech vending machines that dispense customized dishes, will continue to increase. These automated systems can provide 24/7 access to food, which is often in high demand on college campuses<sup>2</sup>.
- 3. Automated Retailing: The automation of convenience retailing is expected to accelerate, with fully automated alternatives replacing traditional convenience retail outlets. On college campuses, this could mean a shift towards automated convenience stores where students can grab snacks or meals on the go<sup>3</sup>.
- 4. Robotic Deliveries: Robots are already being used for food deliveries on many college campuses. As the technology improves and becomes more widespread, this could become a common sight, with robots delivering meals from campus dining outlets to dorms or other locations on campus <sup>4</sup>.

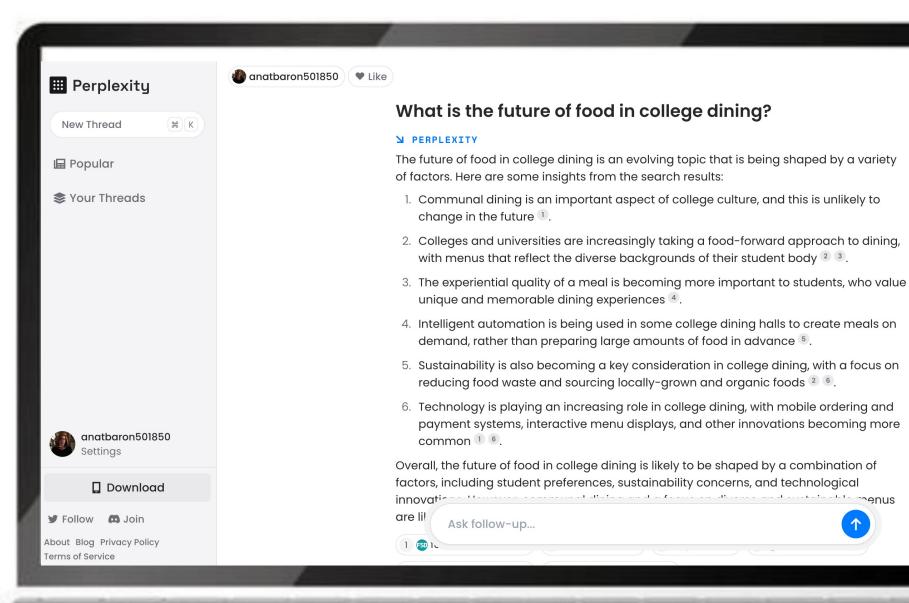
- 5. Al in Menu Planning: Al can be used to analyze data on food preferences, allergies, and dietary requirements to help create menus that cater to a wide range of needs and tastes. This can help to improve the quality and variety of food available, and ensure that all students have options that they can eat.
- 6. **Predictive Analytics**: Al can also be used to predict demand for different meals at different times, helping to ensure that the right amount of food is prepared and reducing food waste. This can also help with ordering and inventory management, ensuring that ingredients are used efficiently and that food doesn't go to waste.
- 7. **Al in Food Safety**: Al can also be used to improve food safety, for example by monitoring food temperatures and cooking times, and ensuring that food safety regulations are adhered to.

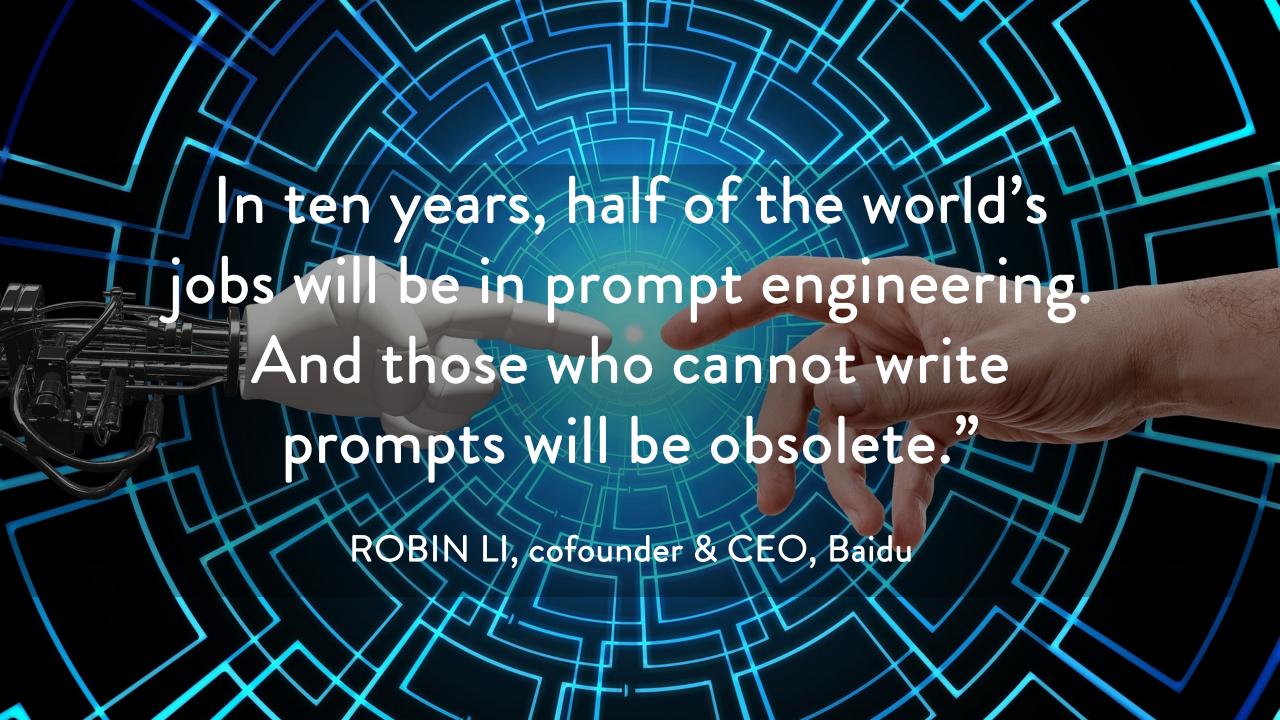
Overall, the impact of Al and automation on college dining is likely to be significant, with potential benefits in terms of efficiency, cost, quality, and variety of food available. However, there are also potential challenges to consider, such as the impact on jobs and the need to ensure that technology is used in a way that is ethical and respects students' privacy.

G Regenerate response

Send a message.

ChatGPT may produce inaccurate information about people, places, or facts. ChatGPT May 12 Version





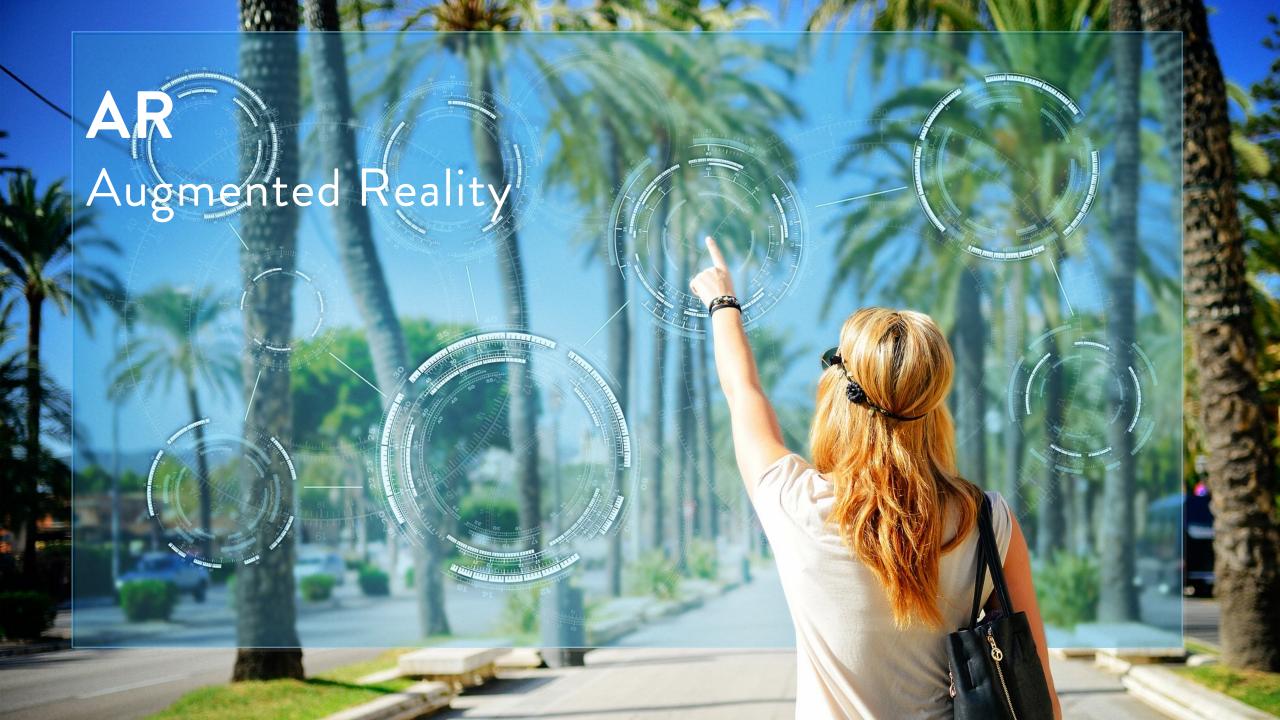
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pdown-menu)"),d=b.data("target");if(d||(d=b.attr("href"),d=d&&d.replace(/.*(ζ=#[^\s]*$)/,"")),
t a"),f=a.Event("hide.bs.tab",{relatedTarget:b[0]}),g=a.Event("show.bs/
oultPrevented()){var h=a(d);this.activate(b.closest("li"),c),this.a
igger({type:"shown.bs.tab",relatedTarget:e[0]})})}}},c.prototype.
> .active").removeClass("active").end().find('[data-toggle="tab
la-expanded", !0), h?(b[0].offset/Adth, b.odd(lass("o")) is each 'after
).find('[data-toggle="tab"]').attr("aria-expanded",!0),e&&e()}
var d=a.fn.tab;a.fn.tab=b,a.fn.tab.constructor=c,a.fn.tab.noCon
show")};a(document).on("click.bs.tab.data-ap!",'[data toggle=
e strict"; function b(b){return this.each(function(){var d=a(t/i)}
typeof b&&e[b]()})}var c=function(b,d){this.options=a.extend({}}
,a.proxy(this.checkPosition,this)).on("click.bs.affix.data-api"
ull,this.pinnedOffset=null,this.checkPosition()};c.VERSION="3.3.7"
                                                                                     target=
itate=function(a,b,c,d){var e=this.$target.scrollTop(),f=this.$elem
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bottom"==this.affixed)return null!=c?!(e+this.unpin<=f.top)&&"botty
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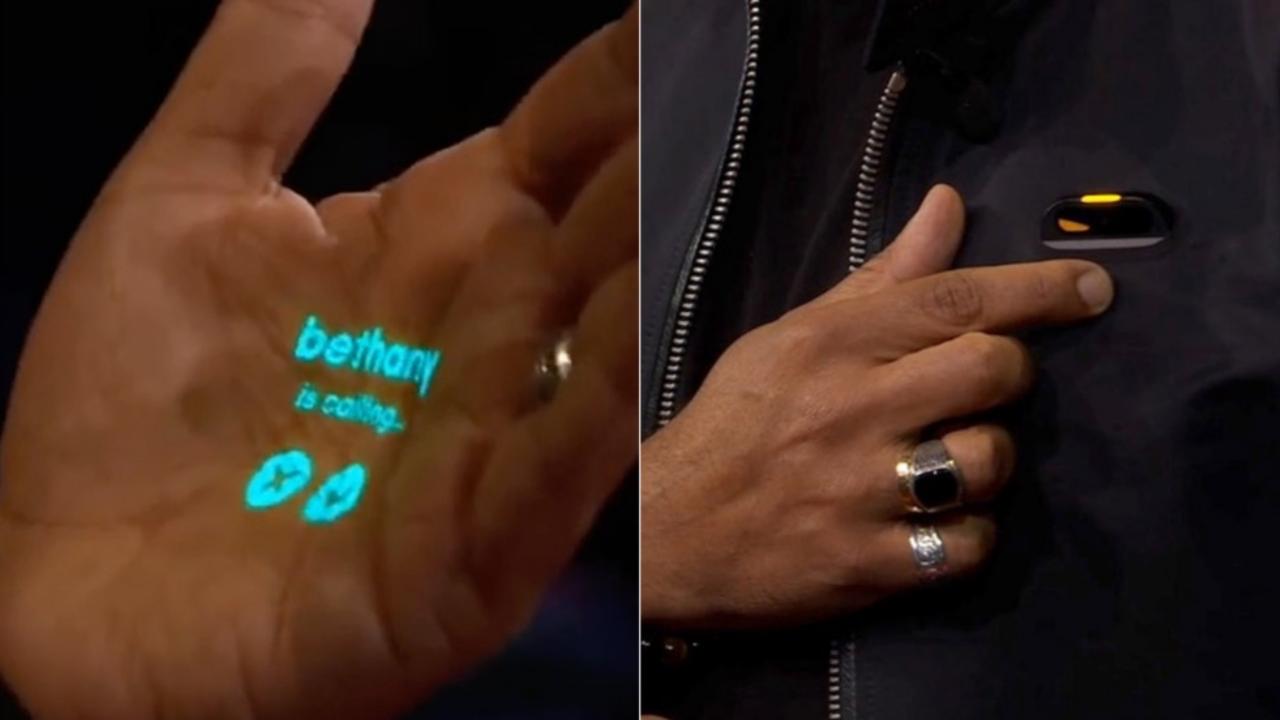
### JOBS THAT MAY BE REPLACED BY AI

Mathematicians Tax Preparers Financial Quantitative Analysts Writers and Authors Web and Digital Interface Designers Court Reporters Simultaneous Captioners Proofreaders Copy Markers Accountants Auditors News Analysts Journalists

"You will soon have a delightful encounter with a stranger who will add a pinch of spice to your life."

# "Your fate is written in the stars and encrypted in the clouds."















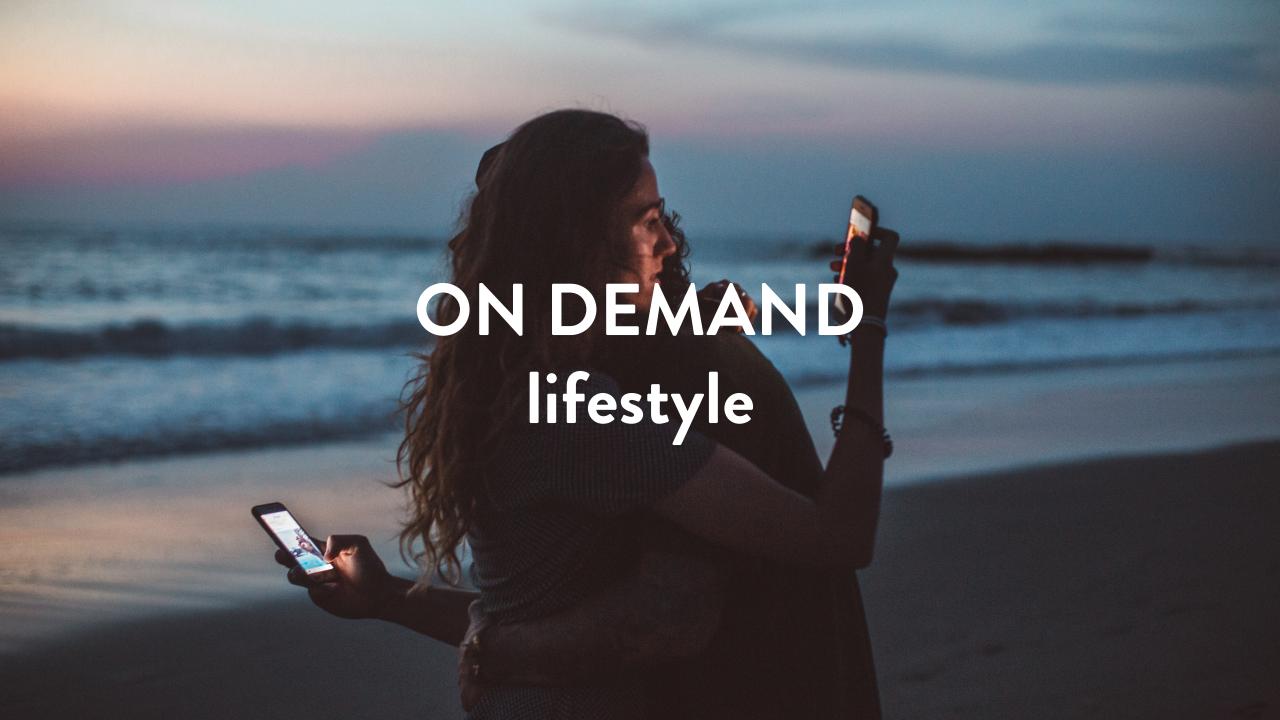


**CHANGE** #2

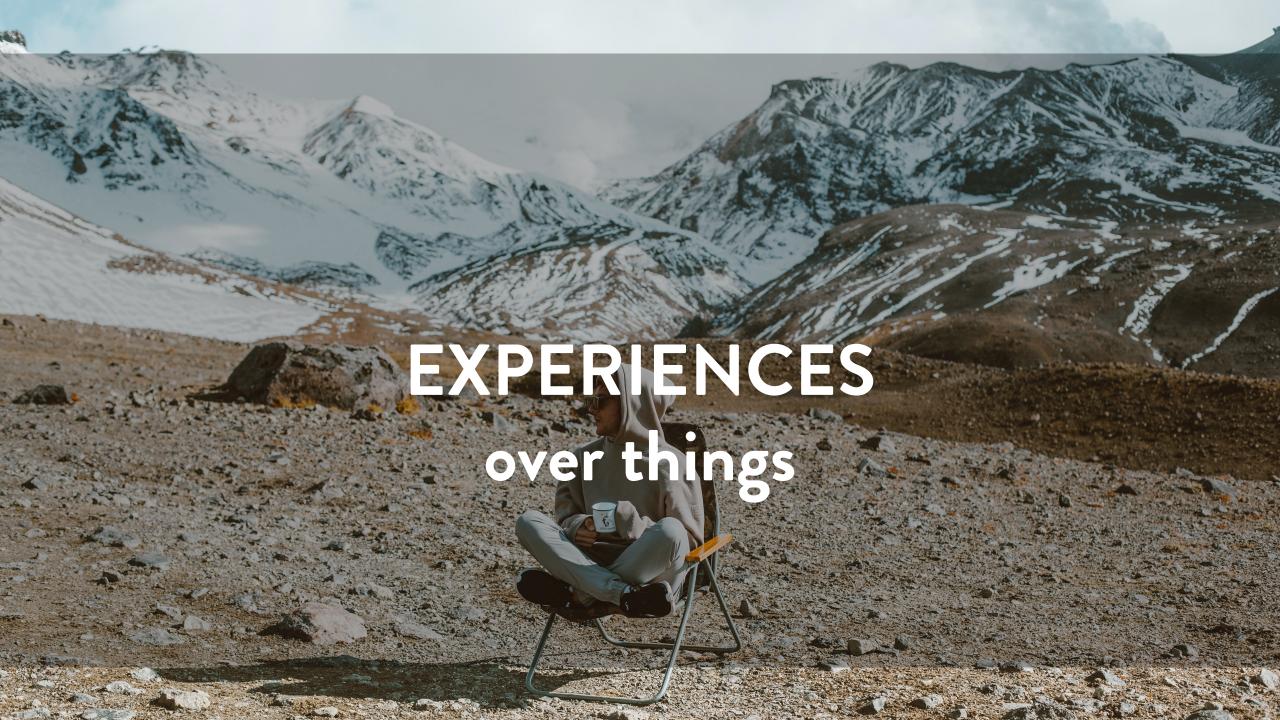
## EMPOWERED CONSUMERS













# MOMENTS of TRUTH





**CHANGE** #3

### DISTRIBUTED EVERYTHING





## FIVE GENERATIONS IN THE WORKPLACE

TRADITIONALISTS
AND SILENTS

Born 1925-1946

**KEY TRAITS** 

Hard-working
Practical
Loyal

BABY BOOMERS

Born 1946-1964

**KEY TRAITS** 

Competitive Focused Goal-oriented **GEN X** 

Born 1965-1981

**KEY TRAITS** 

Thrive on work-life balance and challenges

**MILLENIALS** 

Born 1982-1996

**KEY TRAITS** 

Ambitious Resilient Adaptable to change GEN Z

Born mid 90s - mid 00's

**KEY TRAITS** 

Tech savvy Independent Entrepreneurial









**CHANGE #4** 

## THE BATTLE FOR ATTENTION



#### THE AVERAGE PERSON CHECKS THEIR EMAIL 77 TIMES A DAY





#### PER DAY, USERS SPEND ON AVERAGE

7 hours online

2.5 hours on social media

1.5 hours on TikTok





**CHANGE** #5

### DISRUPTION EVERYWHERE



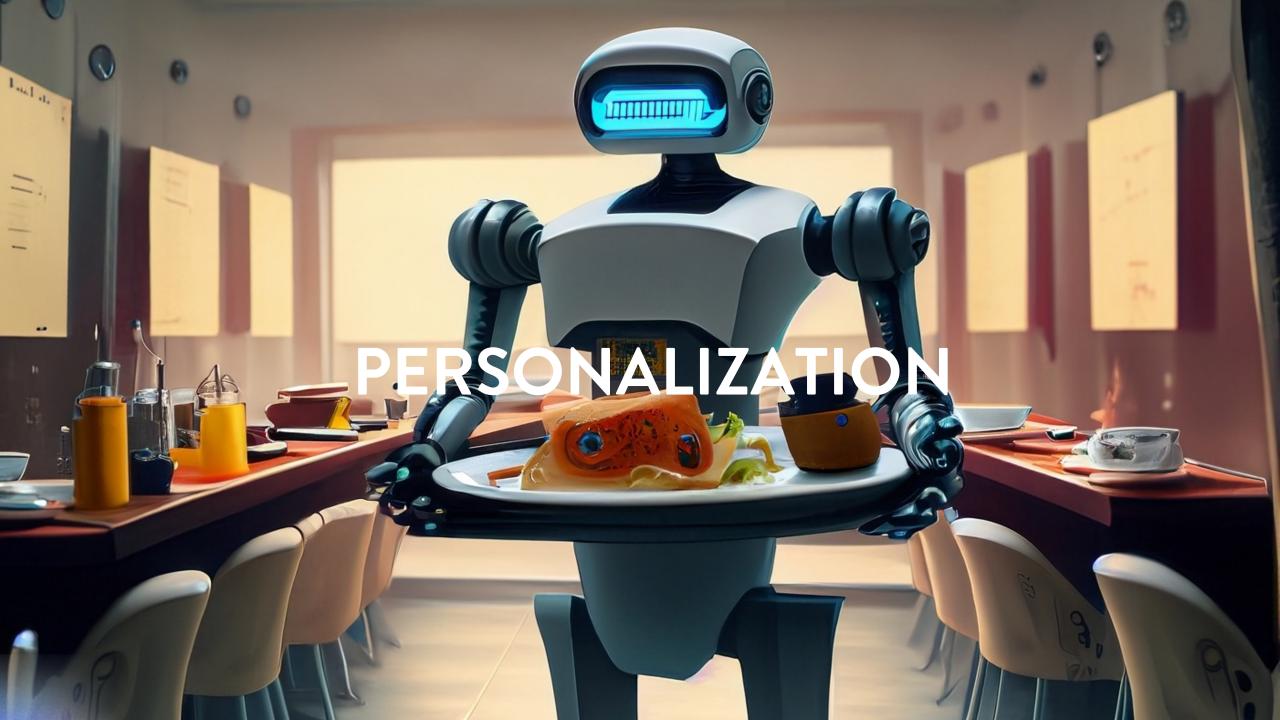




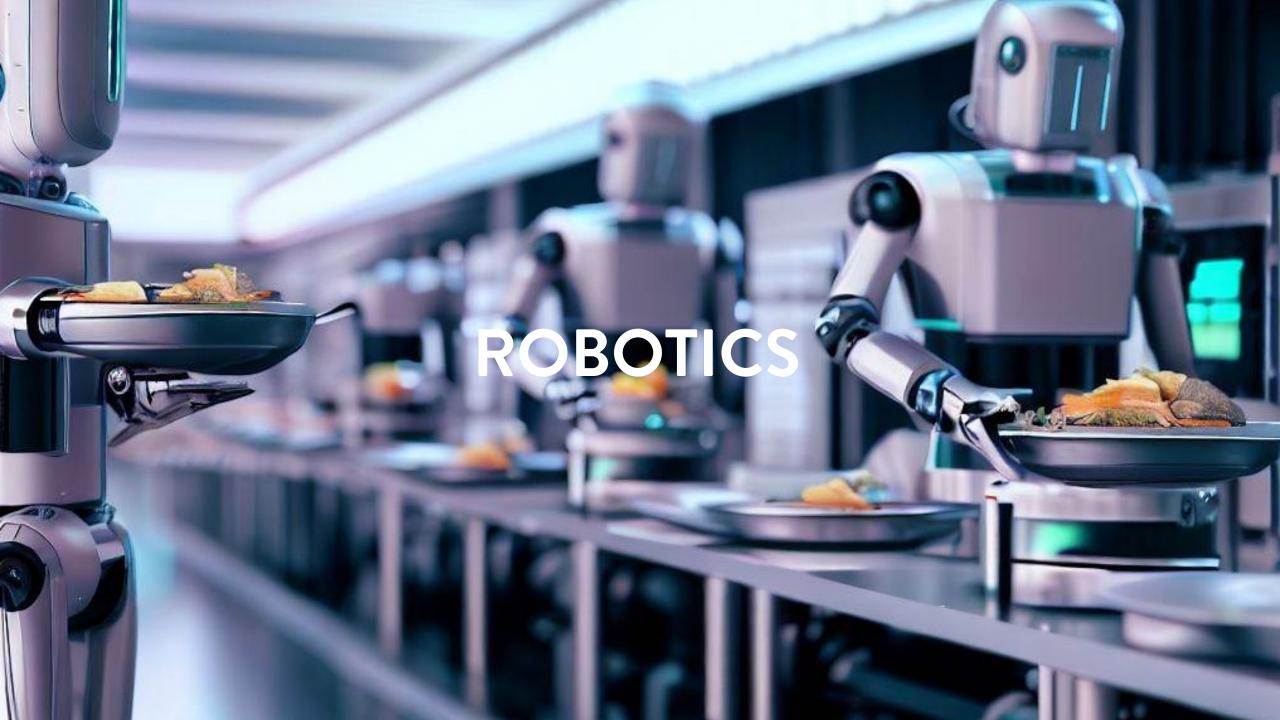








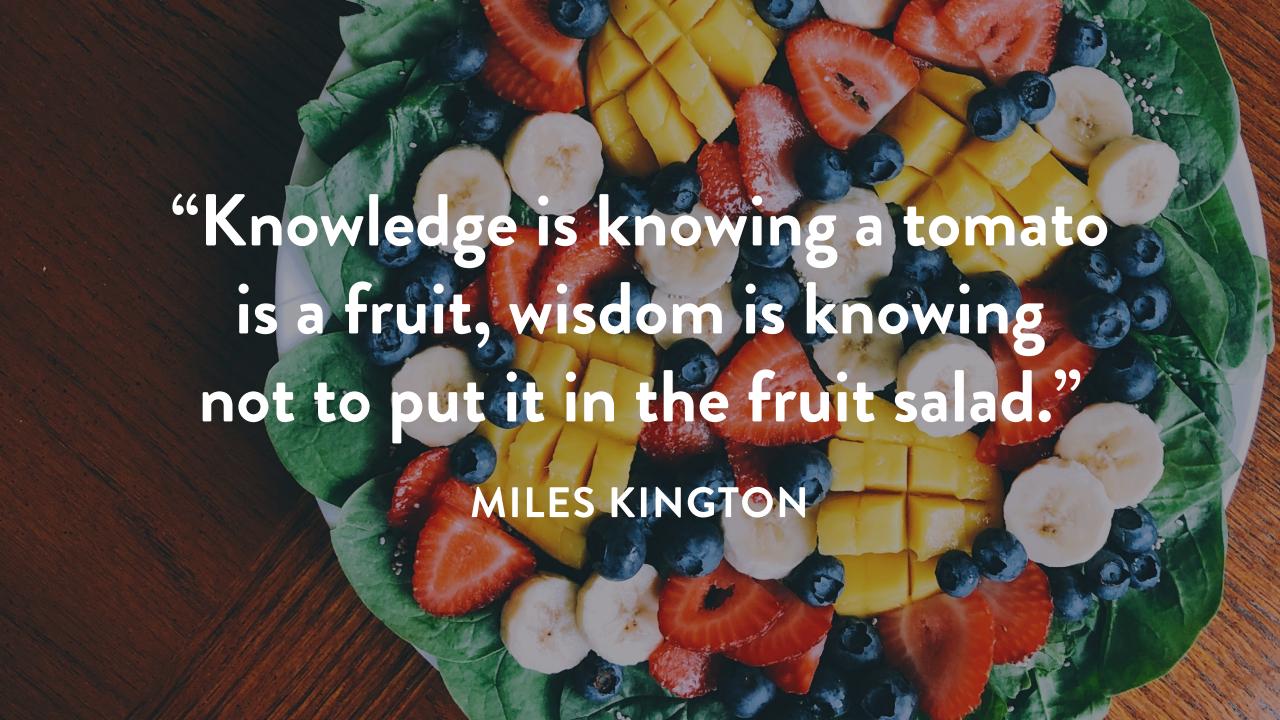


















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