We Learn From AI

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Alice Zhao

- Born and raised in Qingdao, China; studied in Seattle; now in Chicago
- B.A in Economics at University of Washington; MBA at University of Chicago Booth
- Senior Product Manager at Microsoft; Founder of the Good Village; Ex-Amazonian
Agenda

• The Basics

• Learning Empowered by GenAI

• What Lies Ahead

‘The illiterate of the 21st century will not be those who cannot read and write, but those who cannot learn, unlearn, and relearn’

- Alvin Toffle
  American write, futurist, and businessman
AI: a board term

Machine Learning: a subfield of AI that uses algorithms to learn from data and make predictions or decisions

Deep Learning: a subset of machine learning that uses neural networks to learn from data

Generative AI: an emerging technology that uses AI, algorithms, and large language models to generate content
What is Generative AI
We Learn From AI

- Make History Fun
- Help US Ace GMAT
- ‘Tutor’ in the Kitchen
Learn about history

- Create Charts, Timelines, and Tables to help memorize
- Make history come to live
- Inspire Critical Thinking
Timeline

1. World War II Ends: In 1945, World War II concluded, but conflict persisted in China.
2. Nationalists vs. Communists: The nationalists (led by Chiang Kai-shek) and the communists (led by Mao Zedong) vied for power.
3. United Front Collapses: Despite wartime cooperation, the United front collapsed, and internal tensions escalated.
4. Marshall Mission: The civil war continued, with both sides racing to secure resources and territories.
5. Communist Ascendancy: By 1946, the communists gained momentum, aided by nationalist inefficiency.
6. Communist Victory: In 1949, the communists emerged victorious, establishing the People's Republic of China.

Table

<table>
<thead>
<tr>
<th>Leader</th>
<th>Affiliation</th>
<th>Role</th>
<th>Contribution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mao Zedong</td>
<td>Chinese Communist Party</td>
<td>Chairman and strategic leader</td>
<td>Led the communists, implemented land reforms, and orchestrated the Long March.</td>
</tr>
<tr>
<td>Chiang Kai-shek</td>
<td>Kuomintang (Nationalists)</td>
<td>Leader of the National Revolutionary Army</td>
<td>Fought for nationalist cause, attempted unification, but faced internal challenges and setbacks.</td>
</tr>
<tr>
<td>Zhou Enlai</td>
<td>Chinese Communist Party</td>
<td>Key military commander</td>
<td>Instrumental in shaping the People's Liberation Army, contributing to Communist victory.</td>
</tr>
</tbody>
</table>
Learn about history

- Create Charts, Timelines, and Tables to help memorize
- Make history come to live
- Inspire Critical Thinking
• Provide personalized study plan

• Focus on areas need improvement

• Do what an experienced tutor can do at scale
Zookeepers have expanded one’s definition of care to include concern for the animal’s mental state as well as for its physical well-being.

(A) have expanded one’s definition of care to include
(B) have expanded one’s definition of care, including
(C) expand their definition of care, they include
(D) expanding the definition of care to include
(E) have expanded their definition of care to include

1. The committee are divided on the issue of health care reform. No Error
   - A) are
   - B) divided
   - C) on the issue
   - D) of health care
   - E) No Error
   Answer: A

2. Neither the coach nor the players has any comment on the scandal. No Error
   - A) Neither
   - B) nor
   - C) has
   - D) any comment
   - E) No Error
   Answer: E

3. The news were shocking to everyone who heard it. No Error
   - A) The news
   - B) were
   - C) shocking
   - D) who heard it
   - E) No Error
   Answer: B
‘Tutor’ in the Kitchen

Lack of Tracking
Forgotten, now a science experiment!

Lack of Planning
Brought two zucchini, though four at home!

Lack of Motivation
I know should eat it, but why!
Paper Receipt to Virtual Pantry

Track your inventory anywhere at anytime

55%

Lack of Tracking
From What to Why and How

Tell you why you should eat and how to eat it rather than commanding you what to eat

55%

Lack of Tracking
Meal Master

Proactive plannings that none thing get wasted again

Lack of Planning

32%
Advantages

- Personalization
- Efficiency & Scalability
- Accessibility

Challenges

- Ethical Quandaries
- Content Integrity
- Bias