



AI and Thailand's Capital Market

Opportunities & Challenges

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Is This Time Different?

1. Serious recent tech advancement

⇒ What can AI do? ⇒ What CAN'T AI do?

2. Unimaginably fast computing

⇒ What else can it do? Where else can it be?

3. Mass adoption pathway is clear

⇒ Affecting EVERY industry suddenly

Capital Market as “Industry” is no different. We will see more AI adoption along the value chain.

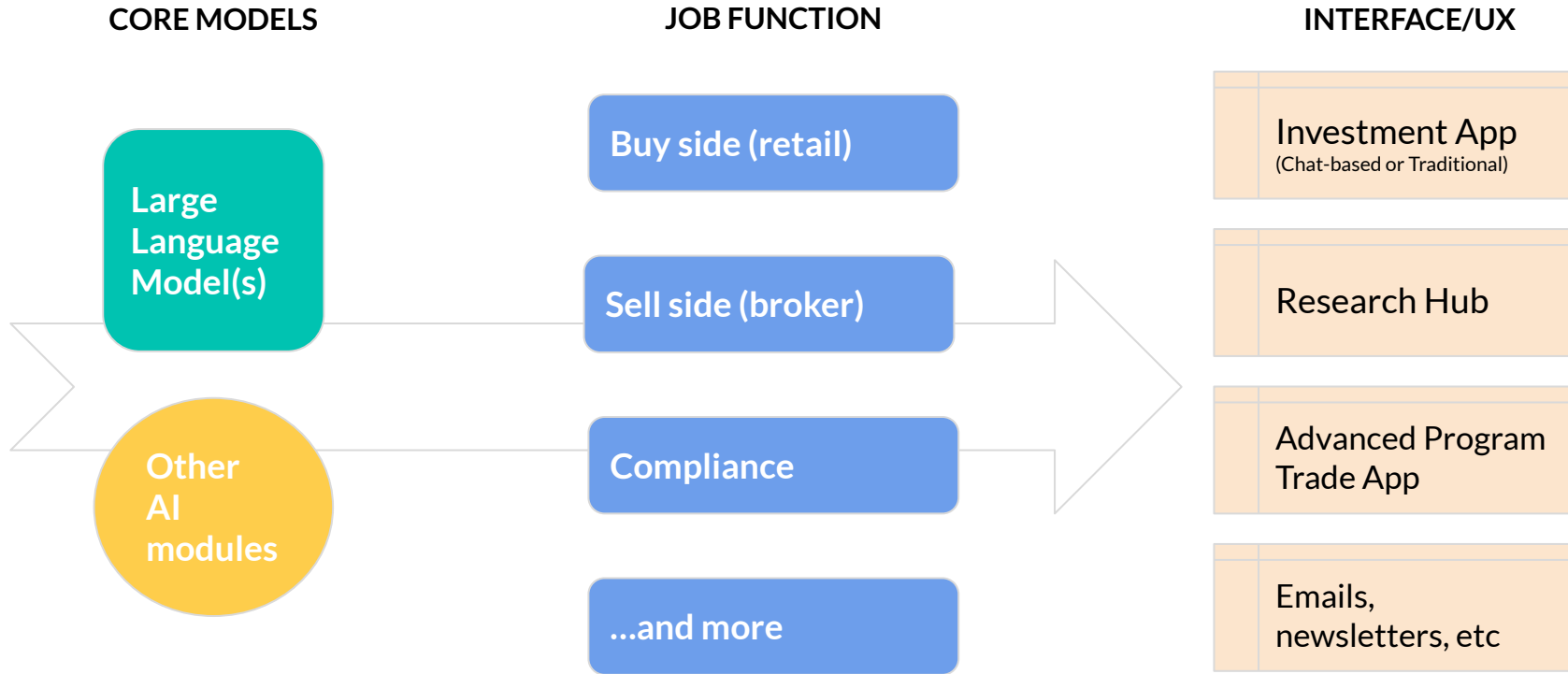


1. Largest impact likely will come from AI adoption by listed companies
2. AI adoption by Capital market participants likely will have the largest impact on user experience

Use-case:

AI Chatbot that's actually smart and helpful

A Chatbot that's more than a chatbot





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Concept:

AI intern with pretrained superhuman knowledge about specific job functions and domains.

Goals:

- Increase productivity per full-time worker
- Fill in when it's hard to find supporting roles or during transitions
- Allow you to refocus actual human internships/trainings where necessary
- Must be smarter than generic LLM's within domain



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Chat with **Financial Data**

Help investment advisors improve customer experience by generating more insights, customizing content more effectively, and delivering it with greater agility and speed.

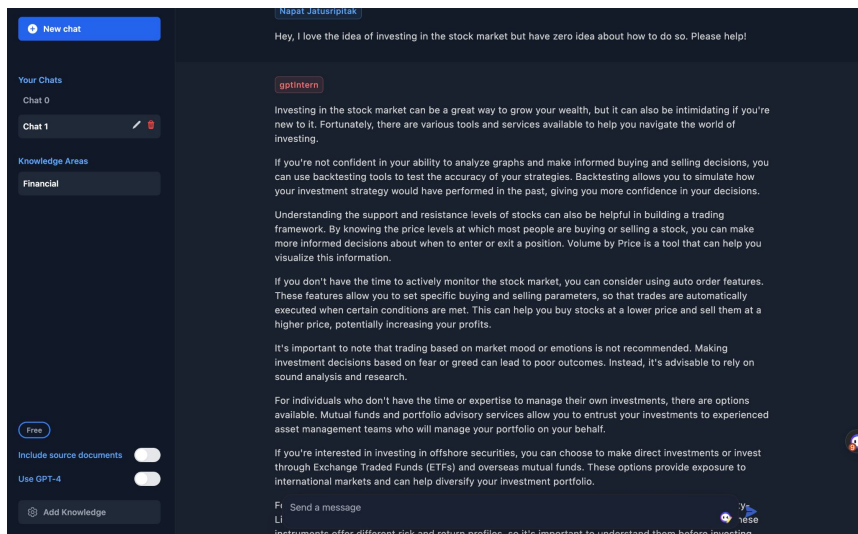
Start Chat →

Q: Hi, what would you like to learn?

Summarize 2023 annual report in al



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When equipped with **Investment Knowledge Domain**, gptIntern should be able to help with:

1. Equity research partner and data gatherer ✓
2. Financial and investment management advisor ✓

Basic questions

- What does [TICKER] do?
- What are [TICKER] products?
- What is the revenue breakdown of [TICKER]?
- What are the financial outlooks of [TICKER]?
- Summarize [TICKER] annual report for me

What is AFC business operation about

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Asia Fiber Public Company Limited, also known as AFC, is a company that was established in 1970 with the aim of producing nylon filament and nylon textured yarn. They were granted privileges by the Board of Investment (BOI) and became the first company to produce taffeta of nylon or other synthetic materials using water jet looms. These looms utilize high-speed, advanced technology equipment that uses water to propel the weft yarn. Their product gained acceptance both domestically and overseas.

Over the years, AFC has received several certifications and awards for their business operations. In 1995, they achieved ISO 9002 standards and became one of the first textile manufacturers to do so. They were also certified with ISO 9001:2000 from Det Norske Veritas Industry B.V. in 2002. Additionally, their dyed textured yarn was certified to the international standard by Oeko-Tex Standard 100 from TESTEX Swiss Textile Testing Institute.

AFC has been recognized for its modernizing efforts and creative use of information technology to enhance the company's competitive position. They received the Asian Management Awards for General Management, Information, Technology, and Operations Management consecutively in 1993, 1994, and 1995.

In terms of production processes, AFC introduced Fully Drawn Yarn (FDY) and Pre-Oriented Yarn (POY) to its nylon line, making it a pioneer in the region. These processes resulted in reduced production steps and higher production speed, leading to enhanced efficiency.

In terms of corporate governance, AFC has a strong anti-corruption policy in place. They operate with honesty, integrity, and transparency, and actively participate in anti-corruption campaigns for stable and sustainable growth. The company has established guidelines for directors, managers, and staff to adhere to ethical practices and report any acts of corruption or fraud. The company protects employees who refuse to participate in corruption and takes disciplinary action against those involved in corrupt practices.

Overall, AFC's business operation revolves around the production of nylon filament and nylon textured yarn, with a focus on utilizing advanced technology, enhancing efficiency, and promoting good corporate governance practices.

Harder questions

- Explain what is [TICKER] business model.
- What % of [TICKER] revenue came from [X] activity?
- Present me the revenue of [TICKER] in a table format.

Present me the revenue of NVIDIA in a table format

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Based on the provided document, NVIDIA's revenue can be summarized in the following ASCII table:

Year Ended	Gaming (\$ in millions)	Data Center (\$ in millions)	Professional Vi:
Jan 26, 2020	5,518 2,983	1,212 700 505	10,918
Jan 31, 2021	7,759 6,696	1,053 536 631	16,675
Jan 30, 2022	12,462 10,613	2,111 566 1,162	26,914

The table shows the revenue of NVIDIA for the fiscal years ending on January 26, 2020, January 31, 2021, and January 30, 2022. The revenue is broken down into different segments: Gaming, Data Center, Professional Visualization, Automotive, and OEM & Other. The total revenue for each year is also provided.

In addition, the document also provides information on the revenue by reportable segments for the years ended January 30, 2022, and January 31, 2021. The Graphics segment had a revenue of \$15,868 million in 2022, up from \$9,834 million in 2021. The Compute & Networking segment had a revenue of \$11,046 million in 2022, up from \$6,841 million in 2021.

The document also provides information on the revenue from customers based on the invoicing address by geographic regions for the years ended January 27, 2019, January 26, 2020, and January 31, 2021. However, the data for the year ended January 30, 2022, is not provided in the document.

Really hard questions

- Comment on the stability of revenue of [TICKER] in recent years
- How do macro factors affect business operations of [TICKER] ?
- Compare unique strengths between [TICKER A] and [TICKER B].

How do macroeconomic factors, such as interest rates, inflation, and currency exchange rates, affect the NVIDIA's operations and profitability?

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The stability of NVIDIA's earnings and revenue streams over the years can be attributed to several factors. Firstly, NVIDIA has diversified its business beyond gaming products and expanded into markets such as enterprise and cloud data centers, professional workstations, and automotive. This diversification allows NVIDIA to tap into multiple revenue streams and reduces its reliance on any single market segment.

Secondly, NVIDIA has a diversified distribution strategy, selling its platforms and complete systems through various channels including partner networks, e-tail channels, direct sales to cloud service providers, and enterprise customers. This diversified distribution strategy helps ensure a steady flow of sales and revenue from different sources.

Thirdly, NVIDIA experiences seasonality in its revenue due to the nature of its products and customer demand. Consumer products, such as gaming GPUs, typically see stronger revenue in the second half of the fiscal year. Additionally, the production schedules of key customers influence the revenue generated by products for notebooks and game consoles. These seasonal patterns have historically contributed to the stability of NVIDIA's earnings.

Furthermore, NVIDIA's growth is driven by the expansion of its accelerated computing business. The company develops software, systems, and chips to serve new markets, introducing new chips and software that open up opportunities in robotics, self-driving cars, and ultra-fast data processing. This expansion into new markets contributes to the stability and growth of NVIDIA's earnings.

Additionally, factors such as the ramp of new GPU products, the release of games supporting advanced technologies like ray tracing, the rising popularity of gaming, esports, content creation, and streaming, the demand for systems to support remote work, and the engagement of end users in cryptocurrency mining have all contributed to the stability and growth of NVIDIA's gaming revenue.

Overall, the combination of diversification across markets, diversified distribution channels, seasonality in revenue, and the expansion into new markets through innovative products and software contribute to the stability of NVIDIA's earnings and revenue streams over the years.

Applying frameworks to Custom Investment Database

- Analyze financial outlooks for [TICKER]
- Apply SWOT analysis on [TICKER]
- Apply Porter's Five Forces on [TICKER]

Can you apply SWOT analysis on AFC company?

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Based on the provided document, there is no direct mention of SWOT analysis being applied specifically to AFC Company. However, the document does provide information about AFC Company's achievements and operations that can be relevant for conducting a SWOT analysis.

Strengths:

- AFC Company has been recognized with the Asian Management Awards for General Management, Information Technology, and Operations Management in consecutive years, highlighting their modernizing efforts and creative use of information technology to enhance their competitive position.
- AFC Company was among the first few textile manufacturers to achieve ISO 9002 standards and ISO 9001:2000 certification. This demonstrates their commitment to quality management systems.
- The company introduced new production processes, such as Fully Drawn Yarn (FDY) and Pre-Oriented Yarn (POY), resulting in reduced production steps and increased efficiency.

Weaknesses:

- The document does not provide specific information about any weaknesses or challenges faced by AFC Company.

Opportunities:

- AFC Company supports the potential development of its employees through various training programs, work improvement projects, and opportunities to present their abilities and ideas. This emphasis on employee development can contribute to innovation and growth.
- The company's recognition as a completely integrated textile processor led to a study tour organized by the Thailand Textile Institute. This indicates the potential for collaboration and partnerships with educational institutions and other organizations.

Threats:

- The document does not mention any specific threats or risks faced by AFC Company.

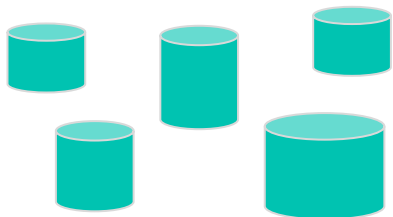
In summary, while there is no direct mention of applying a SWOT analysis to AFC Company in the provided document, the information provided can be used to identify potential strengths and opportunities for the company. Additional information about weaknesses and threats would be needed to complete a comprehensive SWOT analysis.

Use-case:

**AI-enabled Market Surveillance and Market Conduct
Regulations**

AI cannot solve it all but AI can offer a helping hand to maintain an orderly and fair market

DATA/AI PLATFORMS



KEY FOCUS

Issuance malpractice

Trading malpractice

Information disclosure

EXPECTED BENEFITS

- Reduction in malpractice
- Preventive measures
- Faster reaction, info access, and due process
- Accurate disclosure
- Hopefully...less damage