









Generative AI x Design Thinking Workshop (3 hours)

- Introduction to Generative Al
- Ideation Workshop
- Prioritization Workshop
- Summary and Conclusion

MITY SOLUTIONS **ABOUT US**

"Amity Solutions leads in providing custom Generative AI applications and AI agents in Thailand."

Founded in

2012

as neko

Mid 2020

Acquired ConvoLab



Jan 2021, Launched



Jan 2024

Acquired True Voice



In 2023, split into two sister companies



amity solutions ******



each responsible for different products.

250+ Staffs

30+ **Nationalities**

Offices







Bangkok





Focus on Global Business



(Amity Technology Holdings Ltd)

Amity is the World's No.1 provider of SDK/APIs for in-app social networks. We power custom social networks for many of the world's leading brands.





Proven track record of building

global SaaS companies & products





FORUM





Focus on Thai & **SEA** centric Businesses

Amity Solutions "AI Core Unit"



Amity Bots Plus offers powerful tools for Al agent automation, including data connection, workflow design, content management, channel selection, and detailed performance analytics. It now includes GPT-Powered services.



#1 Chatbot service in Thailand for enterprises. Amity Bots powers omni-channel customer and internal-facing chatbots. Acquisition of a voicebot business enhances the product for voice support.



Amity Voice allows clients to implement voice-bot solutions, either separately, or on top of, our Amity Bot solutions. Amity Voice services are primarily focused on Thailand.



Eko offers custom enterprise applications for internal process automation and workflow management. By working with ASAP. Eko is enhancing its offerings to serve as a key interface for AI assistants and applications connecting with internal teams.

We are a proud distributor of



amity social cloud

Trusted by top enterprises in Thailand











































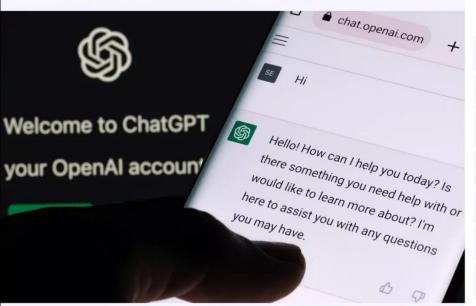






ChatGPT - The Big Bang Moment for Gen Al

ChatGPT's explosive global popularity became an inflexion point for Al's public adoption.

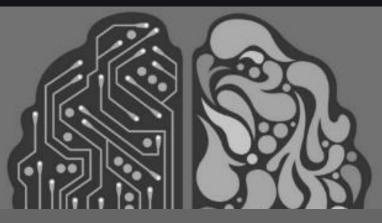


ZOOMING AHEAD

Time to reach 100 million monthly active users

No. of months **ChatGPT** 2 TikTok 9 Instagram **30** (2 yrs 6 mnths) **Pinterest** 41 (3yrs 5 mnths) Spotify **55** (4 yrs 7 mnths) **Telegram 61** (5 yrs 1 mnth) Uber 70 (5 yrs 10 mnths)

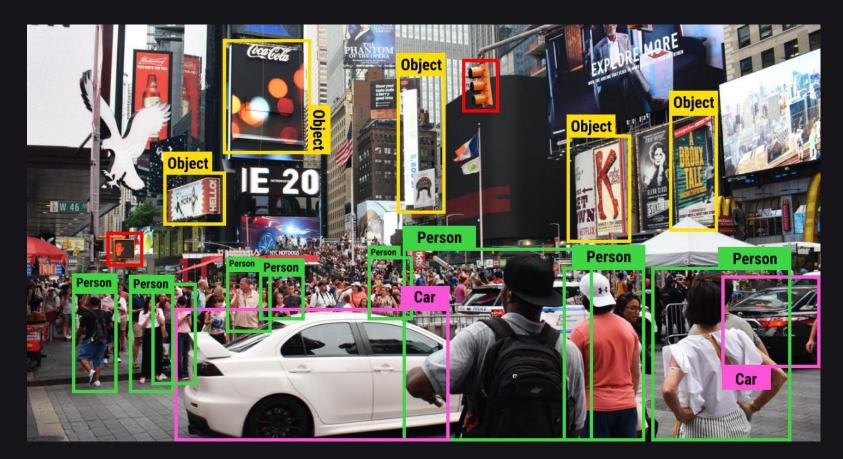




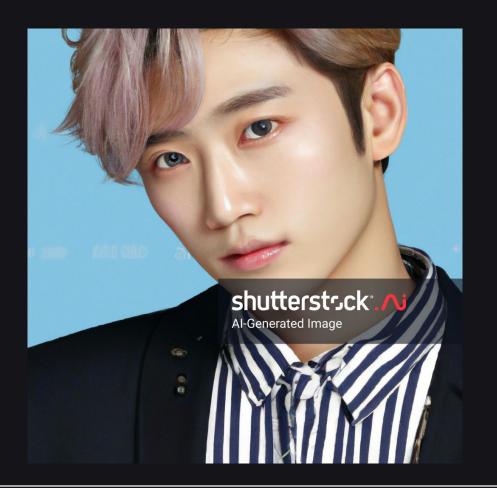
CLASSIFY VS GENERATE













Chat - GPT

Generative = Generate



Chat - GPT

Generative = Generate

Pretrained = Already trained



Chat - GPT

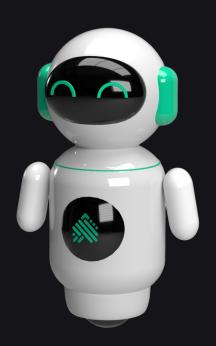
Generative = Generate

Pretrained = Already trained

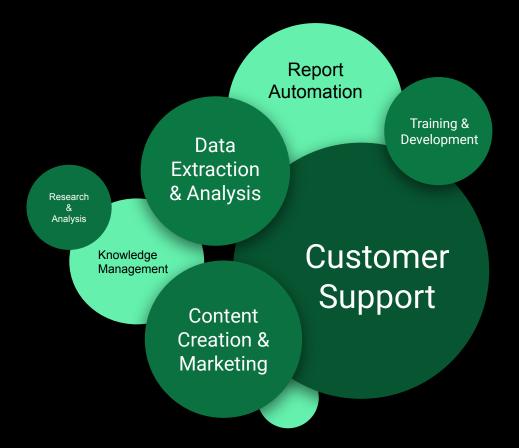
Transformer = Al Model



Generative Al
For Business



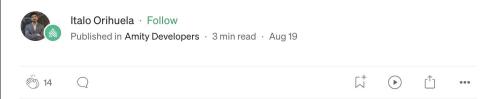




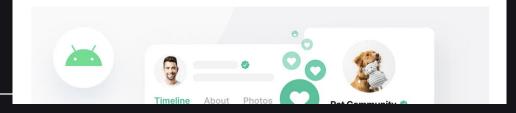


Content Creation & Marketing

How to create in-app communities in Android Apps



Creating a private community on Android is a breeze with the Amity SDK. This robust tool empowers developers to build and tailor their own communities, packed with a plethora of features and settings. In this tutorial, we will walk you through the process of creating a private community using the Amity SDK. We will delve into everything from setting the display name and description to configuring post settings and adding custom fields.













I want to create a marketing most promoting "Black Code" perfume that targets classy men. Help generate graphic of fancy night red-carpet event of this vibe, with some caption about the perfume





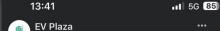


Here are two marketing visuals for the "Black Code" perfume:

- A photo capturing the essence of a luxurious red-carpet event under a starry night sky. Elegant attendees walk the carpet, illuminated by photographers' flashing lights. The sleek "Black Code" bottle stands prominently in the foreground, accompanied by the caption: "Black Code - Elegance in Every Scent."
- 2. An illustration depicting a sophisticated red-carpet entrance, bathed in the light of glamorous chandeliers. A group of well-dressed men converse and pose, exuding charm and luxury. A regal display showcases the "Black Code" perfume bottle, with the caption: "Dive into the world of Black Code - Where Class Meets Fragrance."







ี มิติใหม่รถสามล้อพ่วงข้าง หรือซาเล้ง เวอร์ชั่<mark>นพลังงานไฟฟ้า</mark> มีทะเบียนพร้อม พรบ.ฯ โดย T-mobile ร้านรับผลิตรถ พลังงานไฟฟ้ามากแบบที่สด

... X

รองรับ 3 ที่นั่ง รวมคนขับ ให้ความเร็ว 80 กิโลเมตรต่อ ชั่วโมง ระยะทาง 100 กิโลเมตรต่อชาร์จ ไฟขนาด 220v รองรับปลั๊กสามทาง สามารถติดตั้งประตู แอร์ และหลังคา โซล่าเซลได้

สนใจติดต่อได้ที่เฟสบุ๊ค Ev Station Thailand https://

#รถสามล้อไฟฟ้า #รถดัดแปลง #EVconversion







20 comments 70 shares











Analyse the impact of FED increasing interest rate toward stock market and value of dollars in relations to the recent economic and financial news





Finished browsing



The Federal Reserve (Fed) has a profound impact on the U.S. economy, and its decisions regarding interest rates are closely watched by financial markets. Here's an analysis of the implications of the Fed's recent actions and statements regarding interest rates on the stock market and the value of the dollar, along with the contextual backdrop of economic and financial news:

1. Anticipated Interest Rate Hike:

The Fed has signaled a possible hike in the benchmark overnight interest rate to a peak range of 5.50%-5.75% within the year, according to its updated quarterly projections ¹. This is in line with its goals to manage inflation, which it aims to keep around 2%².

2. Current Economic Resilience:

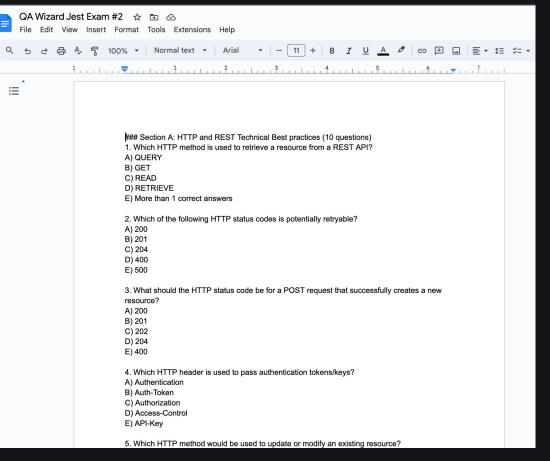
Despite various economic challenges, the resilience of the U.S. economy has led to considerations of further increasing borrowing rates³. The Fed recently revised its economic growth forecast to 2.1% for the year, a significant upward adjustment from earlier projections⁴.

3. Impact on the Stock Market:

Interest rate hikes generally lead to lower stock prices as borrowing costs increase for

Research & Analysis

Training & Development





Cloud Cost Trends by Region





What's the cloud cost trend in each region



First, I will analyze the data in the uploaded CSV file to understand its structure. Then, I'll proceed to analyze the cloud cost trends by region. Let's start by reading the contents of the file



The dataset seems to contain monthly cloud spending data for AWS in the EU and US regions, as well as some percentage values possibly related to the proportion of total revenue or expenses. The data spans several months, from February to October.

To analyze the cloud cost trends, we'll focus on the actual cost figures for each region, ignoring the percentage rows. We'll then visualize the trend of spending over the months provided. Let's proceed with this analysis.



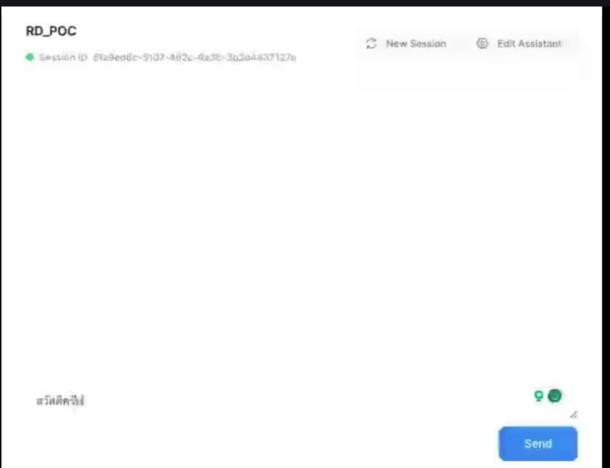


Report Automation



The graph illustrates the monthly AWS cloud costs for the EU and US regions. Here and the graph observations based on the graph.

Customer Support







Knowledge Management

Manage Knowledge by adding files into Knowledge Base

+ Add new knowledge base



Q Search

Search



6



Last updated: 22/11/2023



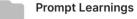






Last updated: 24/10/2023





Last updated: 24/10/2023 12:39



GDPR KM

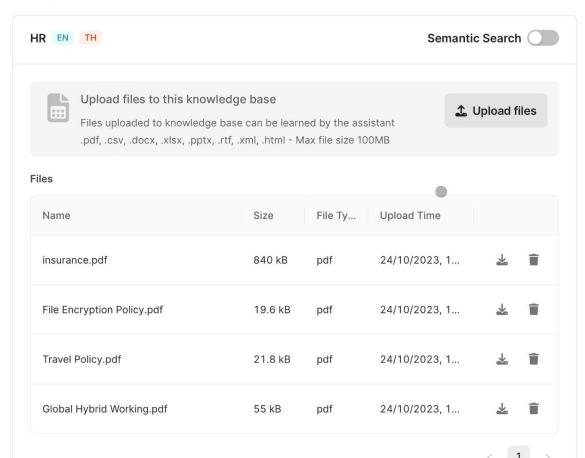
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Prompt Creation KM

Last updated: 24/10/2023





Data Extraction & Analysis

User: Hi, need to reschedule my flight AA1234.

Agent: Hello! I can help with that. Could you please provide your booking reference?

User: It's XY123Z45. Wanna shift to the 15th next month.

Agent: Thanks for the info. Just so you know, changing your booking will cost \$30. Still want to go ahead?

User: Hmm, wasn't expecting a fee. Can you waive it?

Agent: I understand. Let me see what I can do. One moment, please.

Agent: Appreciate your patience. Good news - I can waive the fee this one time. I've changed your flight to the 15th of next month. You'll get a new itinerary email soon. Anything else you need?

User: Awesome, thanks! I'm good now.

Agent: Great! If you need anything else, just let us know. Safe travels!

User: Will do. Bye!

Data Extraction & Analysis

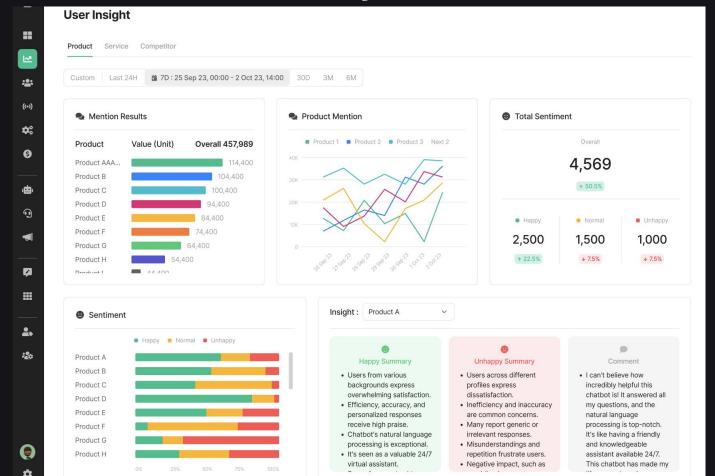
Service Insight:

- Case Category: Flight Change
- Sentiment: Positive
- Resolved: True
- Summary: The user initiates a flight rescheduling and learns of a \$30 fee. Upon their
 hesitation, the agent, as a one-time courtesy, waives the fee. The flight is rescheduled, and
 the user receives confirmation.
- Recommendation: The agent handled the situation well by waiving the fee for the user.
 However, it would be beneficial to have a clear policy or guideline regarding waiving fees for certain situations to provide consistent service to all customers.

Product Insight:

- Products: AA1234 (flight number)
- Sentiment: Neutral
- Comment: The user wants to reschedule the flight, suggesting that there may be a need for flexibility in flight booking.

Data Extraction & Analysis



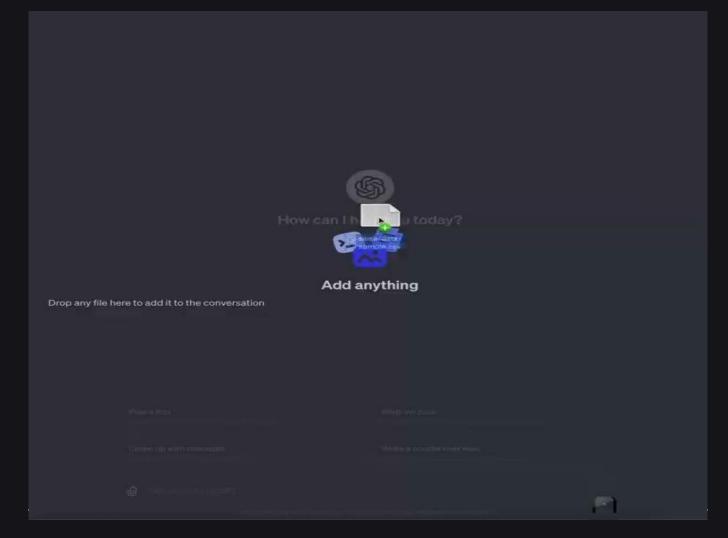
Generative Al Demo



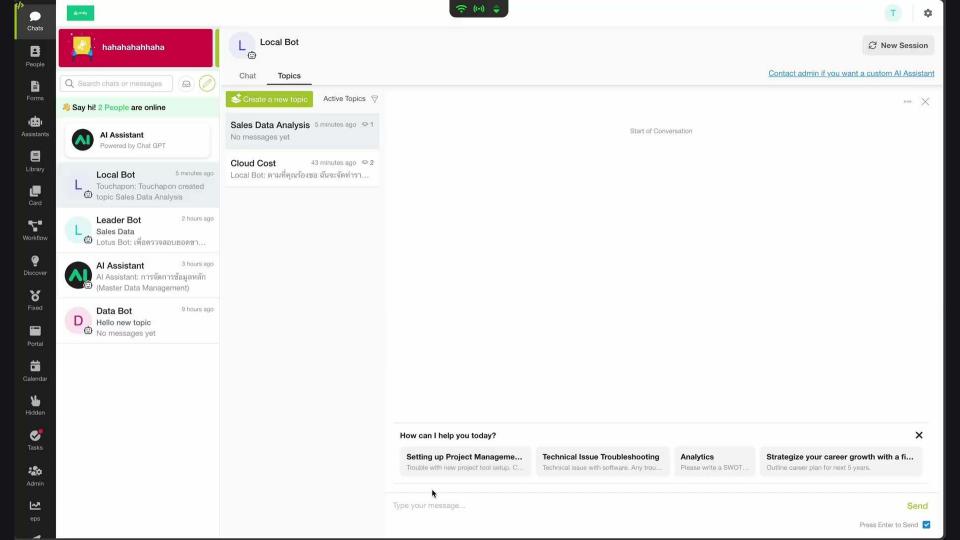


Report Automation









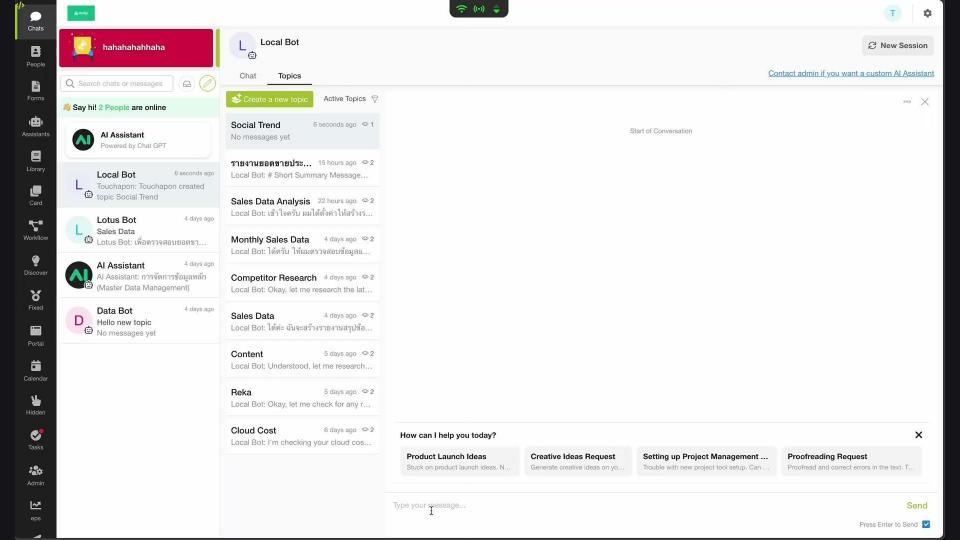
Content Creation





Content Research & Content Creation





Prompt Engineering Example: "Blog Post Generator"



You're a Content Writer at Centralworld, one of the largest department stores in Thailand. Your role	
is to constantly creates trendy, fun and useful blogs for your readers, which are users who visit	Context
Centralworld.	
Write a food-related blog post	Task
Guidelines:	
- Content should be in trendy, playful tone with emojis	
- Content should be no longer than 300 words long	
- Content should try to relates the food story back to Centralworld	Guidelines
- Content must be in Thai language	
- Generate 1 picture to go with the article	
Context:	
Available food stores:	
ABC Cooking Studio	0
After You 3FL	Context
Cafe BAGA	
Examples Blogs:	
Example A:	
¤ี่ครับวันนี้พาน้องไปร้านกาแฟหน่อยสิ อยากไปนั่งร้านกาแฟหรู ๆ กาแฟอร่อย ๆ หอม ๆ เอาแบบที่มีเบเกอรี่	
ด้วยอ่ะพี่ มีไหมร้านแบบนี้ พาไปหน่อยนะ เดี๋ยวคราวหน้าน้องชายคนนี้เลี้ยงชาบูตอบแทน ด้วยความเป็นพี่สาว	Everentee
แสนดีก็ต้องพาไปล่ะ แต่ต้องคิดก่อนว่าร้านไหนดี เพราะร้านกาแฟแบบหรูใจกลางกรุงเทพก็มีหลายร้านที	Examples
และเกาต่องพากบละ แต่ต่องคัดเกียนว่าวาน เกินต์ เพราะว่านี้กำแห่นบบกรู้ เจ้าถึงกำรุ้งเกพกรักถายว่านัก เดียว ไป ๆ มา ๆ ก็มาสรุปที่ ร้าน PAUL เซ็นทรัลเวิลด์ เพราะจำได้ว่าร้านนี้กาแฟเข้มข้นมาก	
pic	

www.amity.co







pretty asian woman dancing in the rain at outdoor nightclub laughing joyfully. open air club here is full of people dancing around her, amid colorful lights and bokeh effects, photo realistic, cinematic, movie still, summer vibes, captured in the style of Sony Alpha A7 III camera --ar 2:3 --s 500 --v 6.0

FAQ



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Q Search message or customer

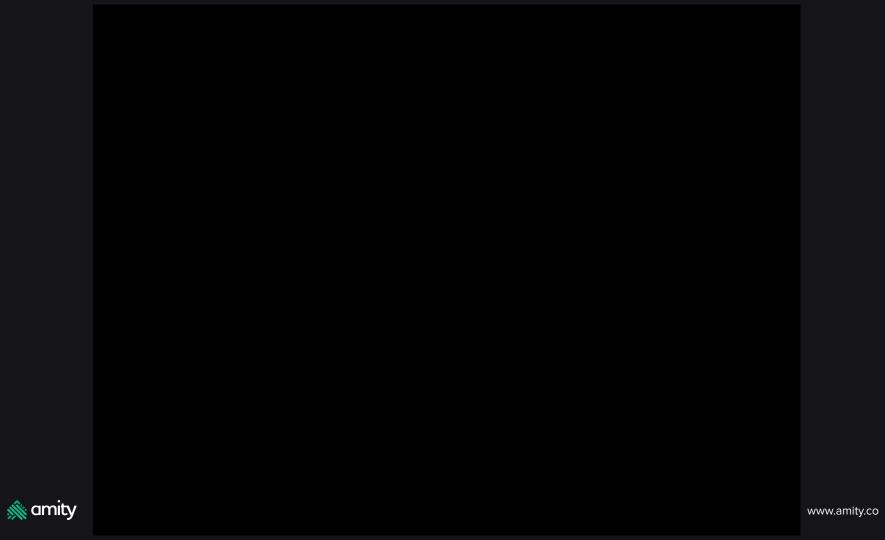
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Image Analysis





Customer Support



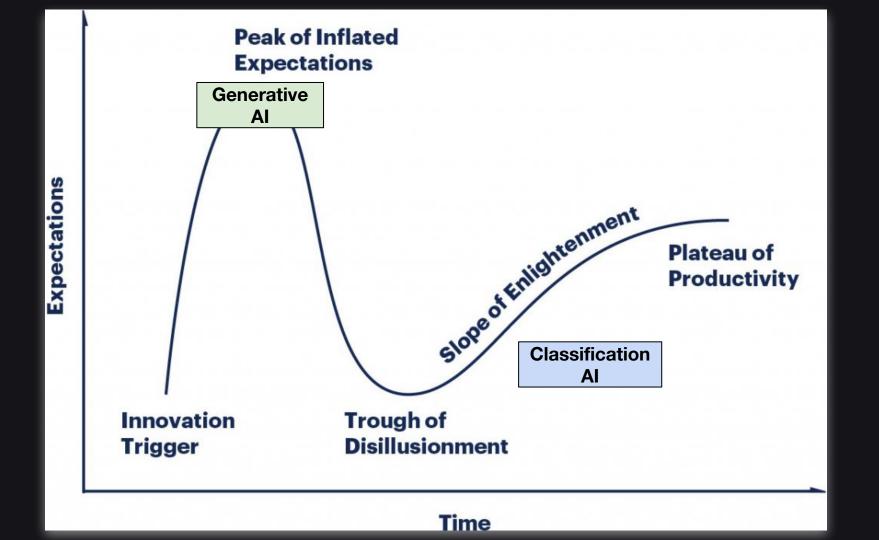






Current Limitations





1. Hallucinations

- Giving false information
- Response sounds real



Any good tourist place around your hotel?





Absolutely, Mr. Kraisingkorn! We're conveniently located near several attractions. A popular choice is the Sunshine Art Gallery, just a 10-minute walk away, renowned for its contemporary collections. Additionally, the Historical City Park is a short 15-minute drive from us, perfect for a leisurely walk or a picnic. For a night of entertainment, the OceanView Theater is a 20-minute drive away, featuring various live performances. Let us know if you need any more recommendations or assistance with arranging visits.



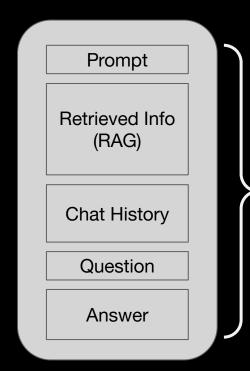






2. Context Window

- Limited Historical Memory
- Less Accurate Info
- Less Space for Answer
- Higher response time
- Higher Hallucination



< 16k Tokens (GPT3.5) < 128k Tokens (GPT4/40)



3. Calculations - GPT is NOT created to replace algorithms



Correct Answer: 50,888.37

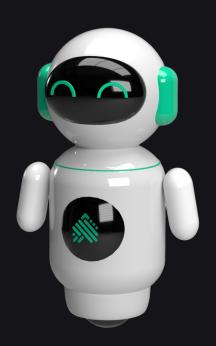


Generative Al 2024 Trend



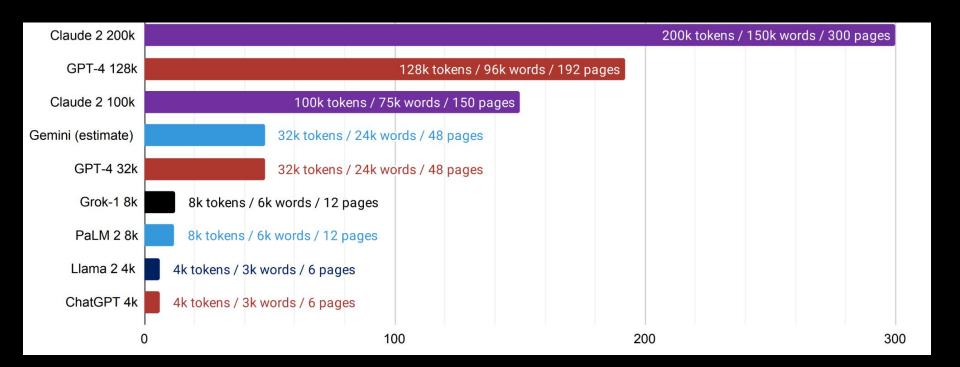


A. Foundation Technology



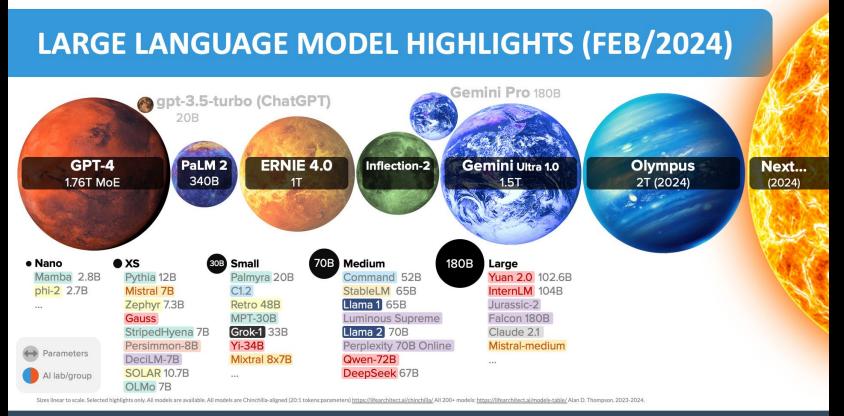


1. Speed Improvement & Larger Context





2. Small Language Model







3. Multimodal



I want to create a marketing most promoting "Black Code" perfume that targets classy men. Help generate graphic of fancy night red-carpet event of this vibe, with some caption about the perfume











Here are two marketing visuals for the "Black Code" perfume:

- A photo capturing the essence of a luxurious red-carpet event under a starry night sky. Elegant attendees walk the carpet, illuminated by photographers' flashing lights. The sleek "Black Code" bottle stands prominently in the foreground, accompanied by the caption: "Black Code - Elegance in Every Scent."
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"A stylish woman walks down a Tokyo street filled with warm glowing neon and animated city signage. She wears a black leather jacket, a long red dress, and black boots, and carries a black purse. She wears sunglasses and red lipstick. She walks confidently and casually. The street is damp and reflective, creating a mirror effect of the colorful lights. Many pedestrians walk about."



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"Beautiful, snowy Tokyo city is bustling. The camera moves through the bustling city street, following several people enjoying the beautiful snowy weather and shopping at nearby stalls. Gorgeous sakura petals are flying through the wind along with snowflakes. more"



"Beautiful, snowy Tokyo city is bustling. The camera moves through the bustling city street, following several people enjoying the beautiful snowy weather and shopping at nearby stalls. Gorgeous sakura petals are flying through the wind along with snowflakes. more"

"A movie trailer featuring the adventures of the 30 year old space man wearing a red wool knitted motorcycle helmet, blue sky, salt desert, cinematic style, shot on 35mm film, vivid colors.



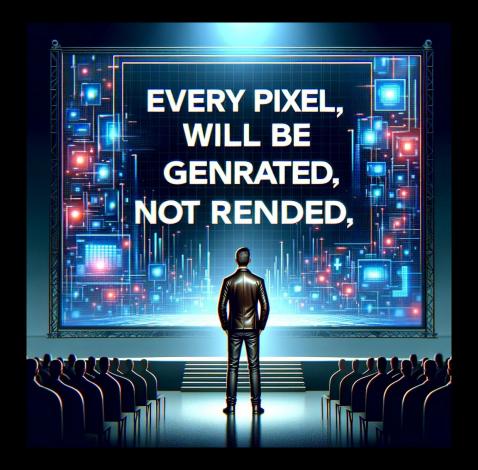
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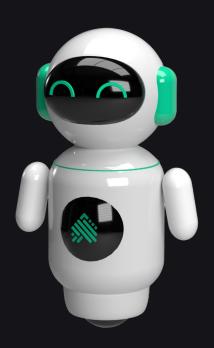
3. Multimodal



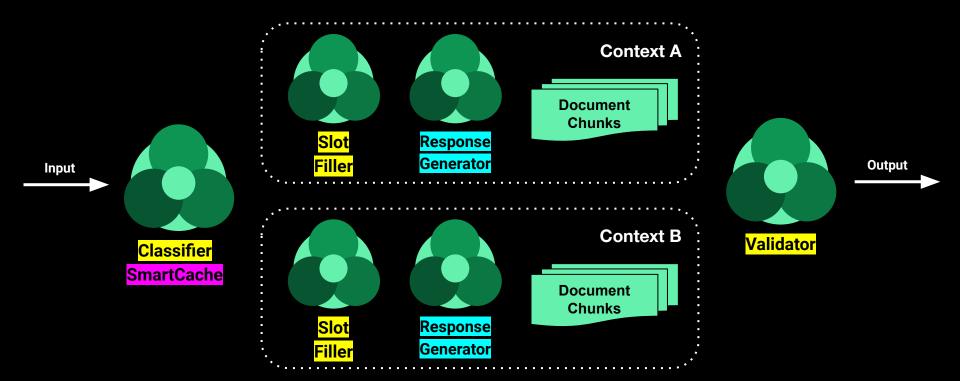




B. Business Application



1. Chatbot Improvements





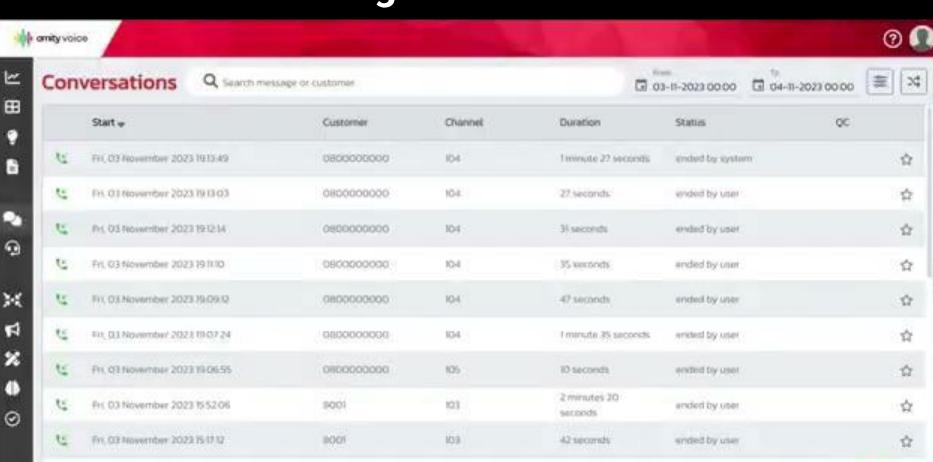
1. Chatbot Improvements

- SLM = Faster response Time
- LLM
 - Faster LLM = Faster Response Time
 - Larger Context Window = Can digest more complex concept and questions
 - Smarter Model = More refined response & Less Hallucinations
- SmartCache
 - SLM / LLM Based Cache to reuse previously-generated answer



2. Voice & Virtual Agents

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2. Voice & Virtual Agents







3. Visual Conversation Agent



where can i buy this outfit in a mall in thailand



If you are looking to buy a leather jacket similar to the one in the image you provided, there are several places in Bangkok, Thailand, where you might find what you are looking for.

One recommended place is to check the leather goods shops around the Asok area, accessible via the BTS Skytrain, as suggested by a Tripadvisor forum member. They mentioned that there are two leather goods shops at the ground level exit of Asok station, known for their quality leather jackets, although the prices may be on the higher side [9].

Another well-reviewed option for custom leather jackets is Buddy Tailor on Khao San Road. They have a reputation for providing excellent service and professional workmanship in crafting leather jackets and other tailored garments [17].





identify all the food items in the image.



Certainly!

Here are the food items identified in the image:

- Orange juice
- * Avocado (halved)
- * Kiwi (sliced)
- Blackberries
- Banana (sliced)
- Chia seeds
- Strawberries (sliced)
- * Whole wheat bread (slices)
- Grapes
- Orange

2. Voice & Virtual Agents

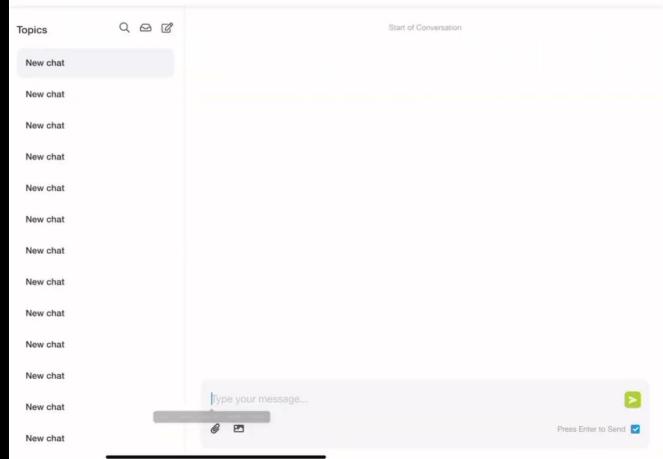


4. Assistant to Agent



4. A



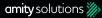




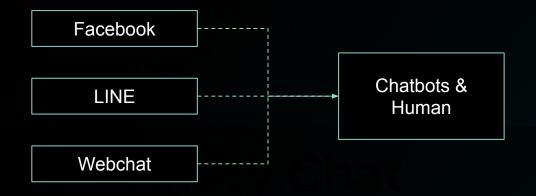
Analyze

Amity Chat Insights

Gain insights with GenAl

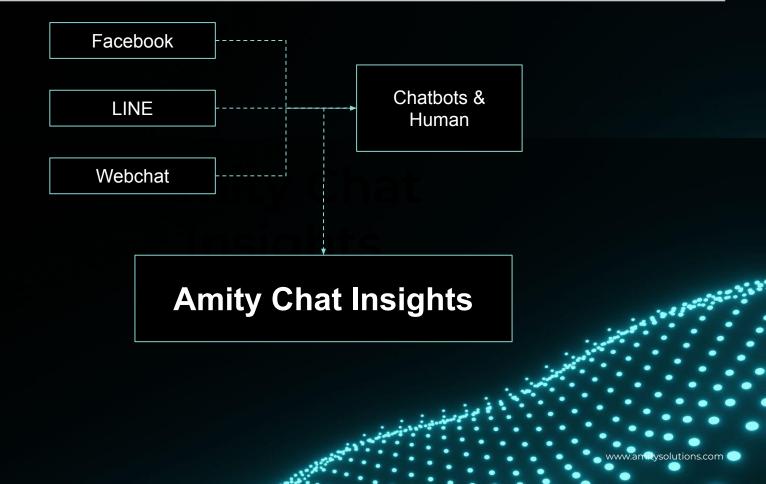


Amity Solutions - Product Portfolio



Amity Solutions - Product Portfolio

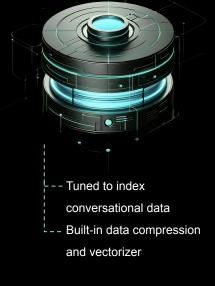
amity solutions



Amity Solutions - Product Portfolio

Amity Chat Insights

Semantic Indexer



InsightAl



- Tuned for conversational data analysis
- -- Built-in Data Noise Filtering
- Research planning mechanism
- Hypothesis validation algorithm

Insight App





Chat Data

Analyze

Q2: Analyze & Research

Gain insights with GenAl





- **Customer:** สวัสดีครับ ผมโทรมาเพื่อสอบถามที่ธนาคารเอ็มมิตี้เกี่ยวกับสินเชื่อบ้านครับ
 - **Agent:** ยินดีต้อนรับค่ะ ขอบคุณที่ โทรมาหาธนาคารเอ็มมิตี้ ลูกค้าต้องการสอบถามเกี่ยว กับสินเชื่อบ้านประเภทไหนคะ
 - **Customer:** ผมอยากจะสอบถามเกี่ยวกับสินเชื่อบ้านอัตราดอกเบี้ยคงที่ 30 ปีครับ
 - **Agent:** แน่นอนค่ะ สำหรับสินเชื่อบ้านอัตราดอกเบี้ยคงที่ 30 ปีของธนาคารเอ็มมิตี้เรามี อัตราดอกเบี้ยเริ่มต้นที่ 6% ต่อปี
 - **Customer:** หกเปอร์เซ็นต์เหรอครับ แพงจังเลย ผมพึ่งกู้สินเชื่อบ้านจากธนาคารไทยศรีมา เมื่อไม่นานนี้ ได้อัตราดอกเบี้ยแค่ 4% เอง
 - **Agent:** ต้องขออภัยด้วยจริงๆ ค่ะธนาคารไทยศรีมีโปรโมชั่นพิเศษหรือเปล่าคะ แต่ ธนาคารเอ็มมิตี้ของเรามีสินเชื่อบ้านหลากหลายประเภท ไม่ทราบว่าลูกค้ามีคุณสมบัติตรงกับ สินเชื่อประเภทอื่นรึเปล่าคะ
 - **<u>Customer:*</u>* ไม่เป็นไรครับ เอาเป็นว่าผมขอสอบถามข้อมูลเพิ่มเติม ในภายหลังแล้วกัน ครับ ขอบคุณครับ

**<u>Agent:*</u>* ยินดีค่ะ สวัสดีค่ะ

Amity Cha

Service Insight:

- Case Category: Mortgage Inquiry
- Sentiment: Neutral
- Resolved: True
- Summary: The customer called to inquire about a mortgage. The agent provided information about the interest rate for a 30-year fixed-rate mortgage. The customer compared it to another bank and expressed disappointment with the higher interest rate. The agent apologized and asked if the customer might be interested in other types of mortgages. The customer decided to ask for more information later.
- Recommendation: The agent handled the customer's inquiry professionally and resolved it. However, there could be room for improvement by offering more personalized options and explaining the benefits of the bank's mortgage products.

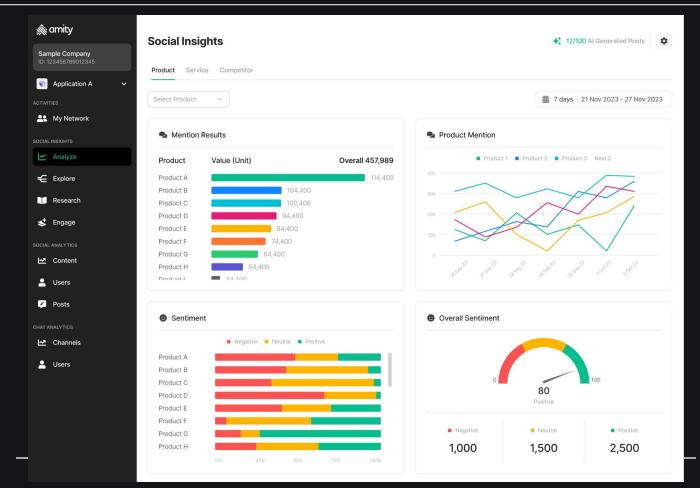
Product Insight:

- Products:
- Product: Mortgage
- Sentiment: Negative
- Comment: The customer expressed dissatisfaction with the interest rate offered by the bank compared to another bank.
- Product: Other mortgage types
- Sentiment: Neutral
- Comment: The agent mentioned that there are other types of mortgages available but the customer did not express interest at the moment.

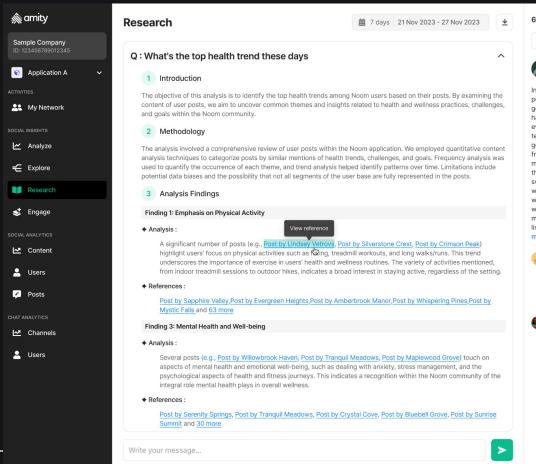
Competitor Insight:

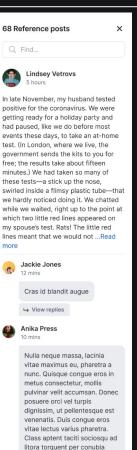
- Competitors: Thai Sri Bank
- Comment: The customer mentioned that they recently got a mortgage from Thai Sri Bank at a lower interest rate.

Amity Chat Insights: Analyze



Amity Chat Insights: Research





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Session 1: Reflection (10 mins)

Business Executives to tell story about High level Direction & Strategy Pain points and Challenges by Users Sort your challenges by priority



Generative AI x Design Thinking Workshop (3 hours)

- Introduction to Generative AI (50 mins)
- Session 1: Reflection (15 mins)
- Ideation Workshop Please break out into groups
 - Session 2: Group Brainstorming (20 mins)

Group of 4-5 people, Max of 10 ideas from all groups

Session 3: Cross-pollination (20 mins)

2 minutes per idea

- Session 4: Idea Refinement & Wireframing Session (20 mins)

Max of 10 ideas from all groups

- Prioritization Workshop
 - Session 5: Idea Presentation & Tech Evaluation (30 mins)

Max of 10 ideas, 3 minutes presentation each

- Session 6: Business Values Dot Voting (10 mins)
- Session 7: Prioritization Matrix (10 mins)
- Summary & Conclusion (10 mins)



Session 2: Group Brainstorming

Break into group of 5-6 people Max 10 groups



Session 3: Cross-pollination

Each group present their ideas





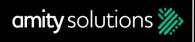
Session 4: Wireframing

Pick your top idea - and wireframe it

Wireframe Guidelines:

6 Post-It notes telling story of Before

6 Post-It notes telling story of After



Session 5: Presentation & Tech Evaluation

Each group present your idea and wireframe





Session 6: Business Dot-Voting

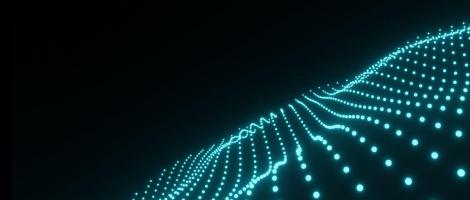
You will have 3 dots

Put dots on the idea you think has the highest business values
Max 2 dots per idea



Session 7: Prioritization Matrix

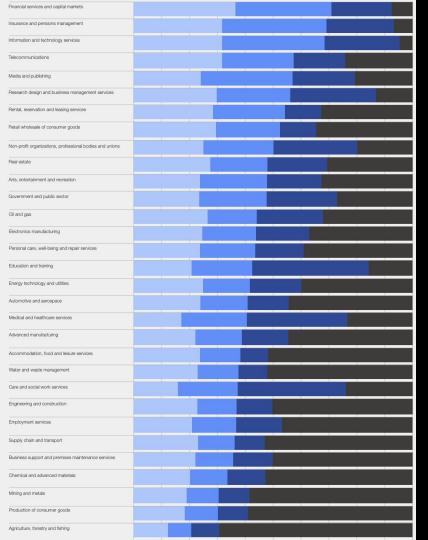
Attach your ideas to the Matrix on flipchart





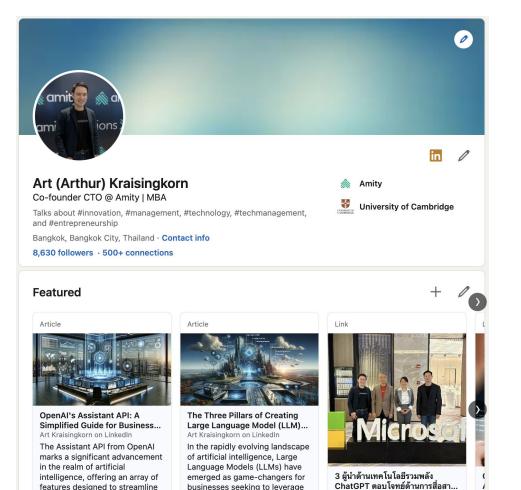
Summary & Conclusions





World Economic Forum: Exposure to Generative Al by Industry

- Automation
- Augmentation
- Low Potential
- Non-Language Task



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