

GenAI Use Case Manual

Purpose of GenU Manual

- **Build foundational knowledge** - To understand basic GenU using
- **Easy start** - Help users get started quickly
- **Trial for effective using** - Guide users on how to test various features
- **Apply AI Assistant** - Learn to use various tools in GenU and apply them in multiple ways
- **Reduce complexity** - Make learning new AI tools simple
- **Write effective prompts** - Create commands that produce desired results

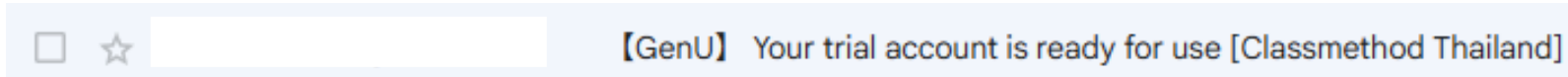
Chapter in the GenU Manual

- 1.How to login
- 2.Default Settings
- 3.Introduction to the GenU interface
- 4.Introduction and explanation of GenU tools

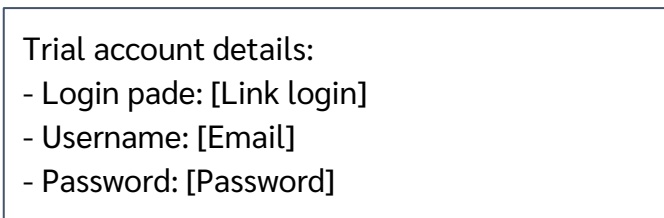
How to login

log into the GenU

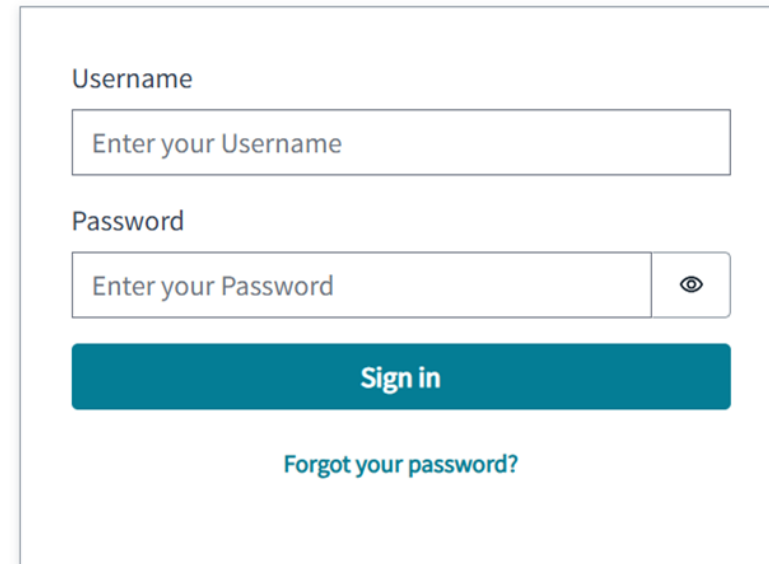
1. Go to your email inbox.



2. Click the **login page** link to access GenU.



Generative AI Use Cases on AWS

A login page titled "Generative AI Use Cases on AWS". It features a "Username" label above a text input field with the placeholder "Enter your Username". Below this is a "Password" label above a text input field with the placeholder "Enter your Password" and a toggle icon (an eye) to its right. A large teal button labeled "Sign in" is positioned below the password field. At the bottom, there is a link that says "Forgot your password?".

3. Enter your email address for **Username**.

4. Enter your **Password**.

Initial Settings



Click on the gear icon

Chat



Chat

You can have interactive dialogues with an LLM in a chat format. It can quickly respond to detailed use cases and new use cases. It is also effective as an environment for validating prompt engineering.

Try



Voice Chat

In Voice Chat, you can have a bidirectional voice chat with generative AI. Similar to natural conversation, you can also interrupt and speak while the AI is talking. Also, by setting a system prompt, you can have voice conversations with AI that has specific roles.

Default Settings

The user system settings window will appear as follows:

User settings

Language?	5 languages available	→	English ▾
Press Enter to create new line			<input type="checkbox"/>
Typing Animation	Toggle switches for interface display outputs	→	<input checked="" type="checkbox"/>
Show Use Case Builder			<input checked="" type="checkbox"/>
Show Tools			<input checked="" type="checkbox"/>
Show Email			<input type="checkbox"/>
Login status			Sign Out
Statistics			Statistics ↗

- Thai
- English
- Japanese
- Chinese
- Vietnamese

Introduction to the GenU interface



- Home
- Chat
- Voice Chat
- Text Generation
- Summary
- Meeting Minutes
- Writing
- Translation
- Web Content Extraction
- Image Generation
- Video Analysis
- Diagram Generation

Tools (AI Services)

Speech Recognition

Conversation History



Try

This is a web application using AWS generative AI services.

Use Cases

Explanation of the toolbar on the left.

Chat



You can have interactive dialogues with an LLM in a chat format. It can quickly respond to detailed use cases and new use cases. It is also effective as an environment for validating prompt engineering.


Try

Toolbar

Voice Chat



In Voice Chat, you can have a bidirectional voice chat with generative AI. Similar to natural conversation, you can also interrupt and speak while the AI is talking. Also, by setting a system prompt, you can have voice conversations with AI that has specific roles.

 This is a web application using AWS generative AI services.

Use Cases



Chat



You can have interactive dialogues with an LLM in a chat format. It can quickly respond to detailed use cases and new use cases. It is also effective as an environment for validating prompt engineering.

Edit



 I'll create a title base  

Delete





Voice Chat

you can have a bidirectional voice chat with generative AI. Similar to natural you can also interrupt and speak while the AI is talking. Also, by setting a pt, you can have voice conversations with AI that has specific roles.

You can edit the conversation history.



Introduction and explanation of GenU tools

There are **11** tools.

1. Chat

Chat



You can have interactive dialogues with an LLM in a chat format. It can quickly respond to detailed use cases and new use cases. It is also effective as an environment for validating prompt engineering.

[Try](#)

How to Use

1. Select an AI model.
2. Type your question into the chat box.
3. Wait for the response and evaluate its appropriateness.
4. Ask additional questions or request answer adjustments as needed.

Chat

1

Claude Sonnet 4

Nova Premier
Nova Pro
Llama 4 Maverick 17B...
Palmyra X5
DeepSeek-R1
Claude Opus 4.1

2

System Prompt

Enter text



Recommendations for Using the Chat

The screenshot shows the AWS Generative AI Application interface. On the left is a dark sidebar with a 'Builder Mode' toggle at the top. Below it is a 'Use Cases' section with a 'Generative AI' label and a settings icon. The sidebar menu includes 'Home', 'Chat' (highlighted with a green box and a green arrow pointing to it), and 'Voice Chat'. Below these are several tool icons: Translation, Web Content Extraction, Image Generation, Video Analysis, and Diagram Generation. At the bottom of the sidebar is a 'Tools (AI Services)' section containing 'Speech Recognition' and 'Conversation History'. The main content area has a dark header with the AWS logo and 'AWS Generative AI Application'. Below the header is a 'Try' button and the text 'This is a web application using AWS generative AI services.' The main content area is titled 'Use Cases' and contains two cards: 'Chat' and 'Voice Chat'. The 'Chat' card has a speech bubble icon and text: 'You can have interactive dialogues with an LLM in a chat format for detailed use cases and new use cases. It is also effective as an example for prompt engineering.' The 'Voice Chat' card has a microphone icon and text: 'In Voice Chat, you can have a bidirectional voice chat with generative AI. Similar to natural conversation, you can also interrupt and speak while the AI is talking. Also, by setting a system prompt, you can have voice conversations with AI that has specific roles.' A red box highlights the 'Try' button in the 'Chat' card, with a red arrow pointing to it from a pink callout box. A green arrow points from a teal callout box to the 'Chat' menu item in the sidebar.

Recommended:
Access the chat from the left toolbar for full control of functionality.

Avoid: using “Try” button because it will automatically generate example commands that may not suit your requirements..

Chat Example (Normal Conversation)



What are the functions of AWS Backup?



AWS Backup is a fully managed backup service that makes it easy to centralize and automate the backup of data across AWS services. Here are some of the key functions of AWS Backup:

1. **Centralized Backup Management:** AWS Backup allows you to manage and monitor backups for multiple AWS services from a single, centralized interface.
2. **Automated Backup Scheduling:** You can create backup plans that define when and how often your backups should occur. This automation helps ensure that your data is regularly backed up without manual intervention.
3. **Backup Policies:** Define backup policies that specify transition to cold storage, retention periods, and lifecycle management rules.
4. **Cross-Region and Cross-Account Backups:** AWS Backup supports copying backups to another AWS region or account, which can be useful for disaster recovery and compliance requirements.
5. **Resource Assignments:** You can assign AWS resources to backup plans, ensuring that all relevant resources are protected according to the defined policies.
6. **Compliance and Governance:** AWS Backup integrates with AWS Organizations and AWS Service Catalog, helping you to meet compliance requirements by enforcing backup policies across your organization.
7. **Restore Testing:** AWS Backup allows you to test your backups by restoring them, which helps ensure that your data can be reliably recovered when needed.
8. **Cost Management:** By automating the backup lifecycle and providing options for transitioning to more cost-effective storage tiers, AWS Backup helps manage costs associated with data backups.

AWS Backup supports various AWS services, including Amazon EBS, Amazon RDS, Amazon DynamoDB, Amazon EFS, and AWS Storage Gateway, among others. This makes it a versatile tool for managing backups across different types of data and applications.

If you have any more questions or need further details, feel free to ask!

FYI: System Prompt

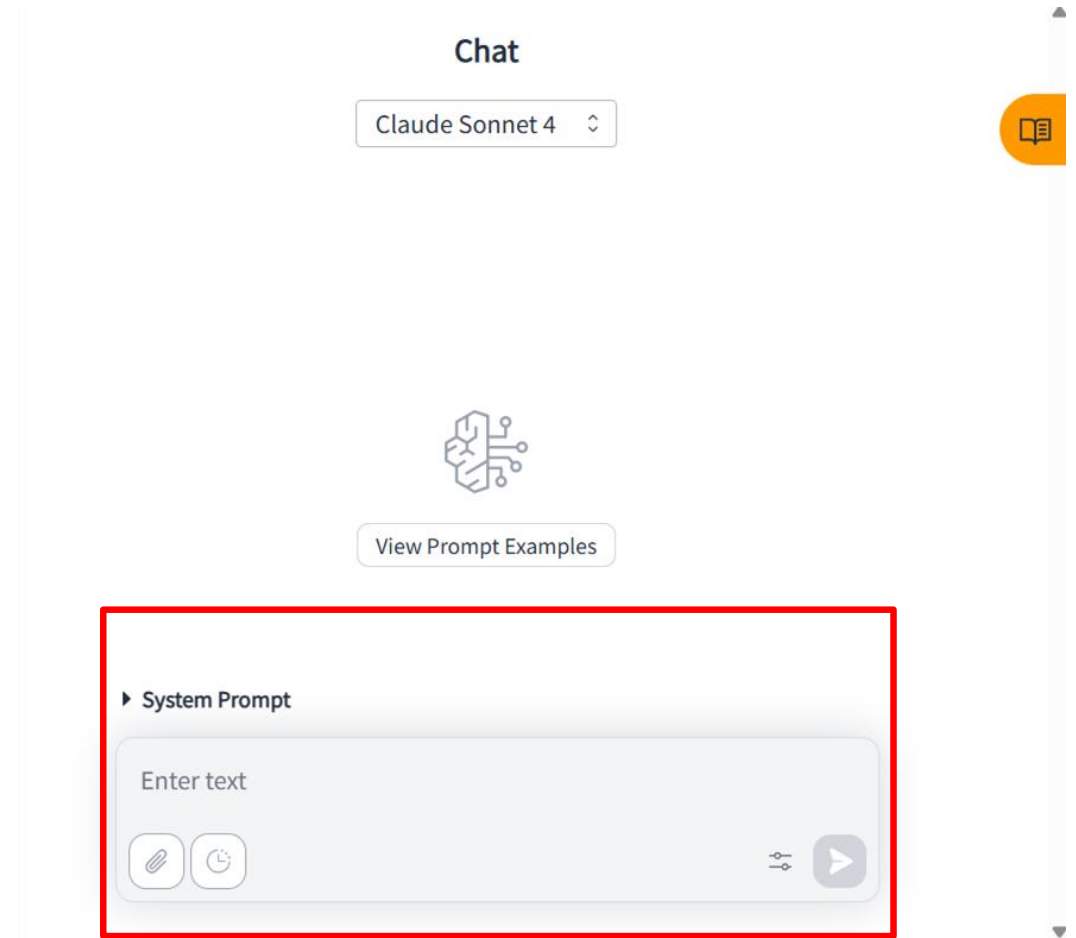
What is a System Prompt?

A System Prompt is a set of instructions or roles assigned to the AI before starting a conversation to customize the response method according to specific requirements.

How to Use

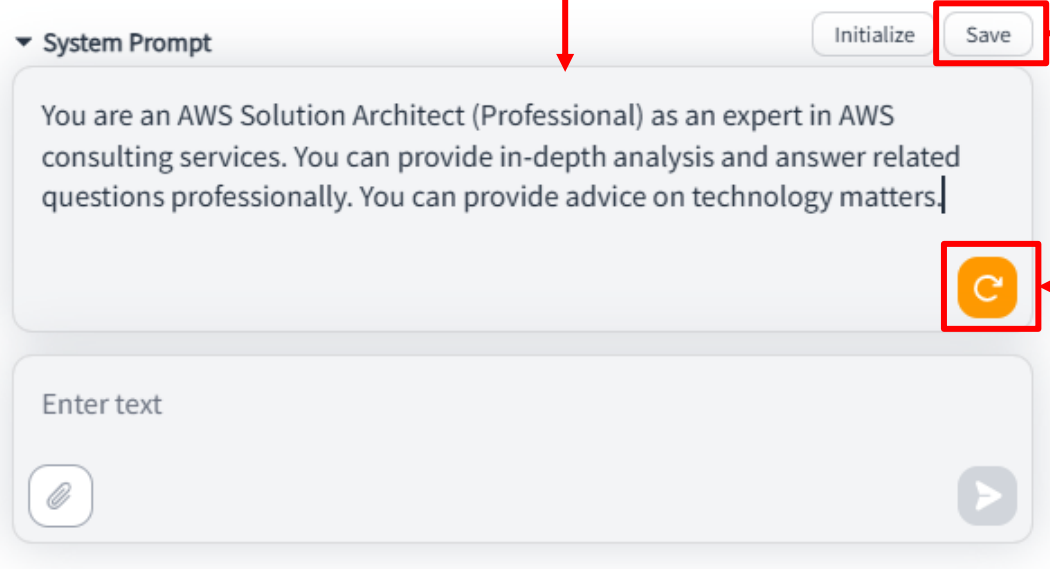
Users can prepare System Prompts in advance and enter them into GenU to:


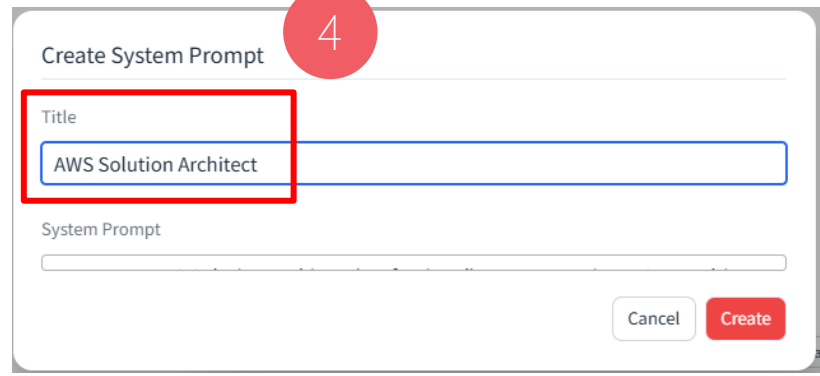
- Define roles - Make the AI respond in the desired roles
- Set response format - Control communication style
- Define knowledge scope - Limit or focus on specific content
- Enhance effectiveness - Provide accurate and targeted answers



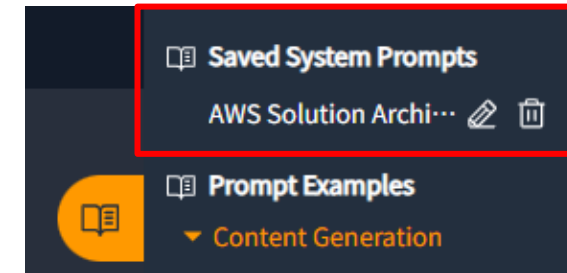
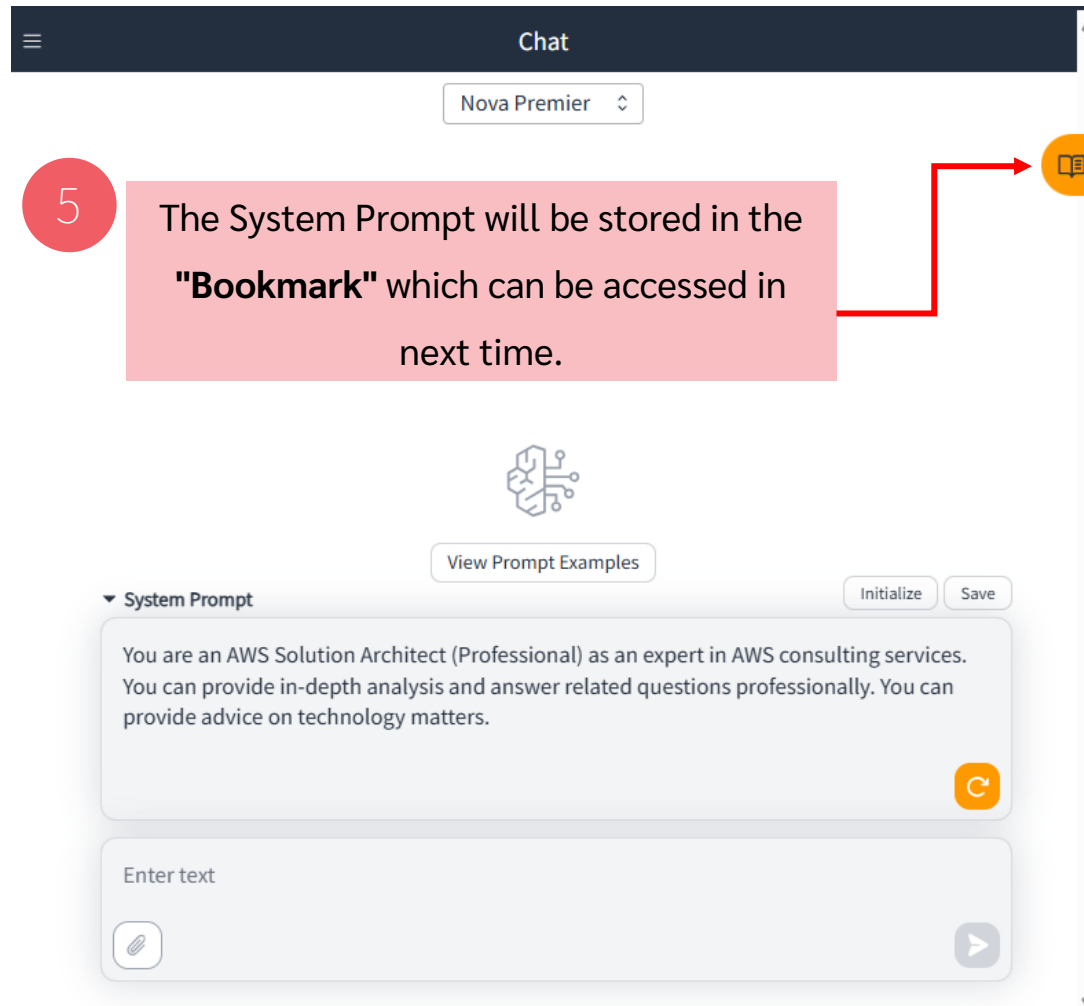
How to use System Prompt

- Enter the **System Prompt**

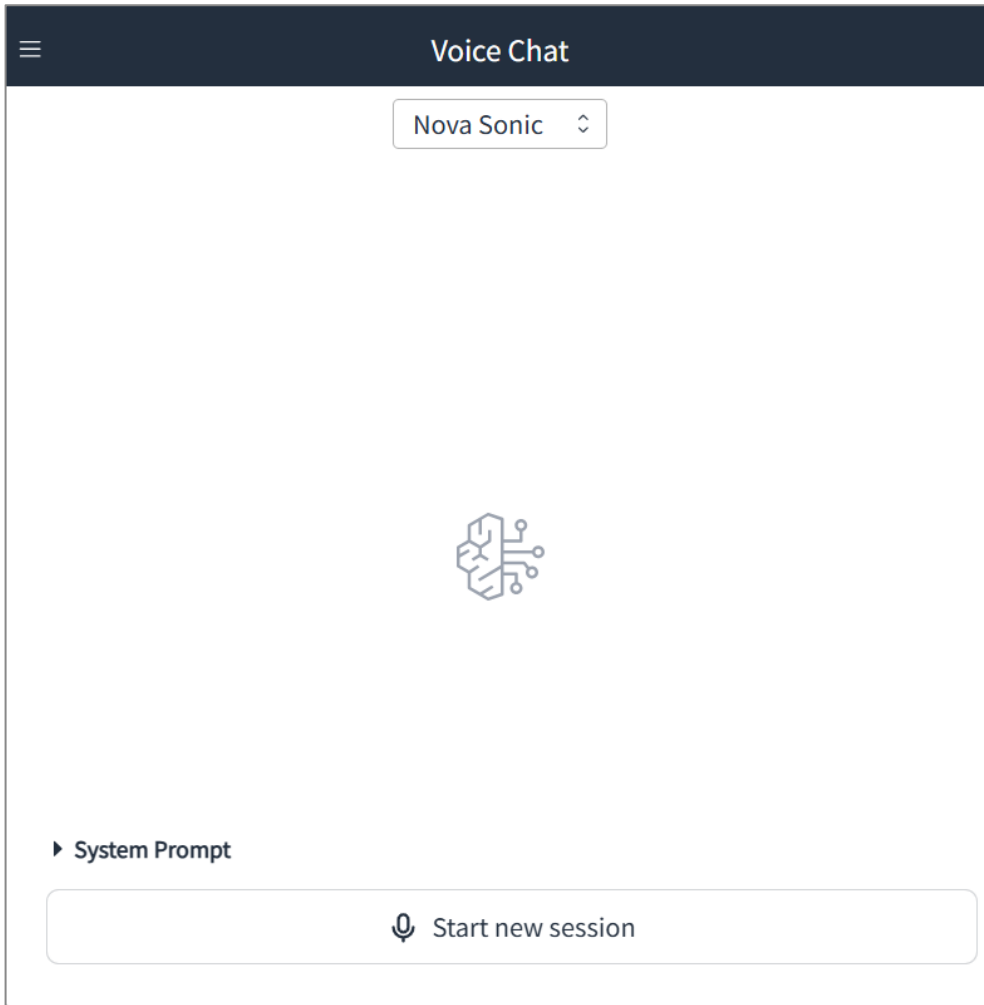

- click the **"Refresh"** before sending text to clear the default prompt form the system.


- click **"Save"** for bookmark the System Prompt when we close the program it will not be lost.
- 

How to Set Up and Manage System Prompt



2. Voice Chat



How to Use

1. Allow microphone access.
2. You can use System Prompt to define the AI's role.
3. Speak in English.
4. The AI will respond with English voice

Limitations

1. **Language:** Only supports English
2. **Status:** Currently in trial phase
3. **Model:** Only Nova Sonic model available

3. Text Generating

How to use

1

2

3

Text Generation

Source information for text

Claude Sonnet 4

Select an AI model

Enter text

Specify the text format (markdown, blog, business email, etc.)

Clear

Execute

Generated text will be displayed here

Benefits

- Reduces time in writing articles.
- Helps create blog content.
- Assists in writing professional business emails.

Example of Text Generating

Example Command

Source information for text

Claude Sonnet 4 ↕

AWS Backup is a comprehensive, fully managed backup service that centralizes and automates data protection across multiple AWS services through a single interface, enabling organizations to create automated backup schedules, define backup policies with lifecycle management rules, and ensure compliance through integration with AWS Organizations and Service Catalog. The service provides critical disaster recovery capabilities by supporting cross-region and cross-account backup copying, while offering resource assignment features that ensure all relevant AWS resources—including Amazon EBS, RDS, DynamoDB, EFS, and Storage Gateway—are protected according to defined policies. Additionally, AWS Backup enhances operational reliability through restore testing functionality that validates backup integrity, implements cost management through automated lifecycle transitions to more

write in markdown

Clear

Execute

AWS Backup

AWS Backup is a comprehensive, fully managed backup service that centralizes and automates data protection across multiple AWS services through a single interface, enabling organizations to create automated backup schedules, define backup policies with lifecycle management rules, and ensure compliance through integration with AWS Organizations and Service Catalog.

Key Capabilities

Disaster Recovery

The service provides critical disaster recovery capabilities by supporting cross-region and cross-account backup copying.

Resource Protection

AWS Backup offers resource assignment features that ensure all relevant AWS resources are protected according to defined policies, including:

- Amazon EBS
- RDS
- DynamoDB
- EFS
- Storage Gateway

Operational Features

- **Restore Testing:** Validates backup integrity through restore testing functionality
- **Cost Management:** Implements automated lifecycle transitions to more economical storage tiers
- **Governance:** Delivers governance features that help organizations meet regulatory requirements by enforcing consistent backup policies across their entire AWS infrastructure


AWS Backup serves as an essential tool for comprehensive data protection and business continuity planning.



Result


4. Summary

How to use

 Summary

Text to summarize

1

Claude Sonnet 4 

Select an AI model

2

Enter text

Enter the content you want to summarize.

3


▶ Additional context - *Optional*

Specify the desired format or length of the summary, etc.

Clear

Execute

Summarized text will be displayed here



Benefits

- Summarizes long articles and website content
- Reduces content to just one line if needed
- Customizable summarization format

Example of Summary

Example Command

Result

Summarize

Text to summarize

Claude Sonnet 4


AWS Backup is a comprehensive, fully managed backup service that centralizes and automates data protection across multiple AWS services through a single interface, enabling organizations to create automated backup schedules using backup plans, define backup policies with lifecycle management rules including automatic transitions to cold storage, and ensure compliance through integration with AWS Organizations, AWS Config, and AWS CloudTrail. The service provides critical disaster recovery capabilities by supporting cross-region and cross-account backup copying with encryption in transit and at rest, while offering resource assignment features through tags, resource IDs, or resource types that ensure AWS resources—including Amazon EBS, Amazon RDS, Amazon DynamoDB, Amazon EFS, Amazon FSx, AWS Storage Gateway, Amazon EC2, Amazon S3, Amazon Redshift, Amazon Neptune, Amazon DocumentDB, Amazon Timestream, and VMware workloads—are protected according to defined policies. Additionally, AWS Backup enhances operational reliability through point-in-time recovery capabilities, backup vault

▼ Additional context - Optional

Summarize in 3 line

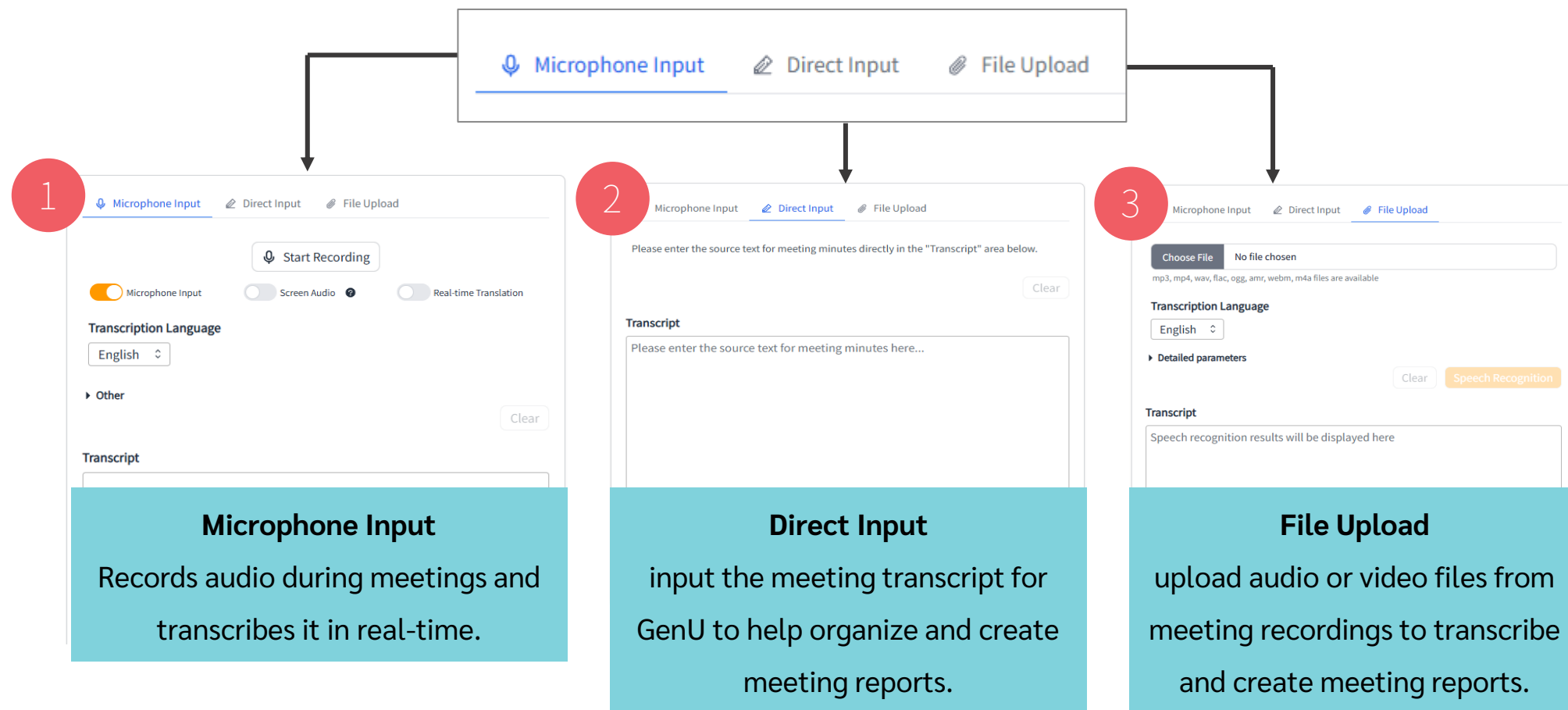
ClearExecute

AWS Backup is a fully managed service that centralizes and automates data protection across multiple AWS services through a single interface, enabling organizations to create backup schedules, define lifecycle policies, and ensure compliance. The service provides disaster recovery capabilities with cross-region/cross-account copying, encryption, and supports various AWS resources including EBS, RDS, DynamoDB, EFS, EC2, S3, and more. It enhances operational reliability through point-in-time recovery, immutable backup vaults for ransomware protection, restore testing, cost management features, and comprehensive monitoring and governance capabilities for regulatory compliance.



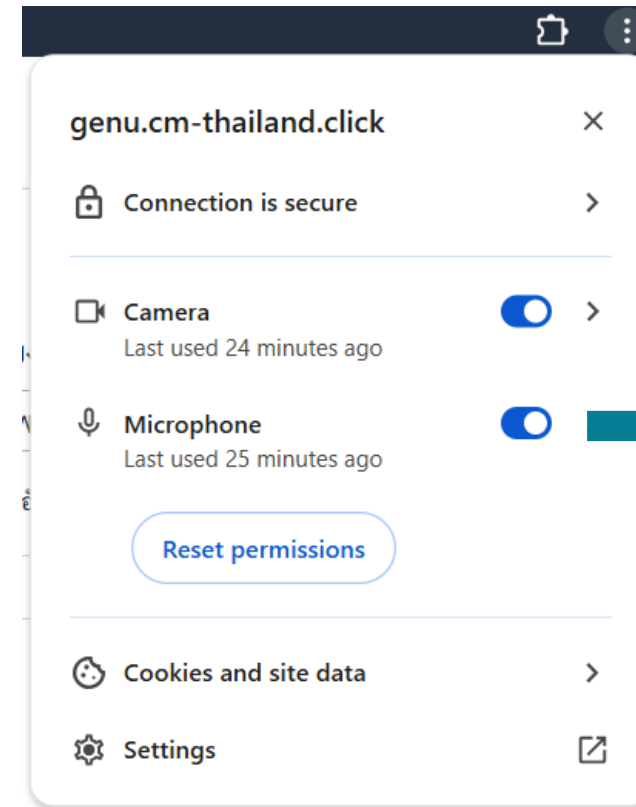
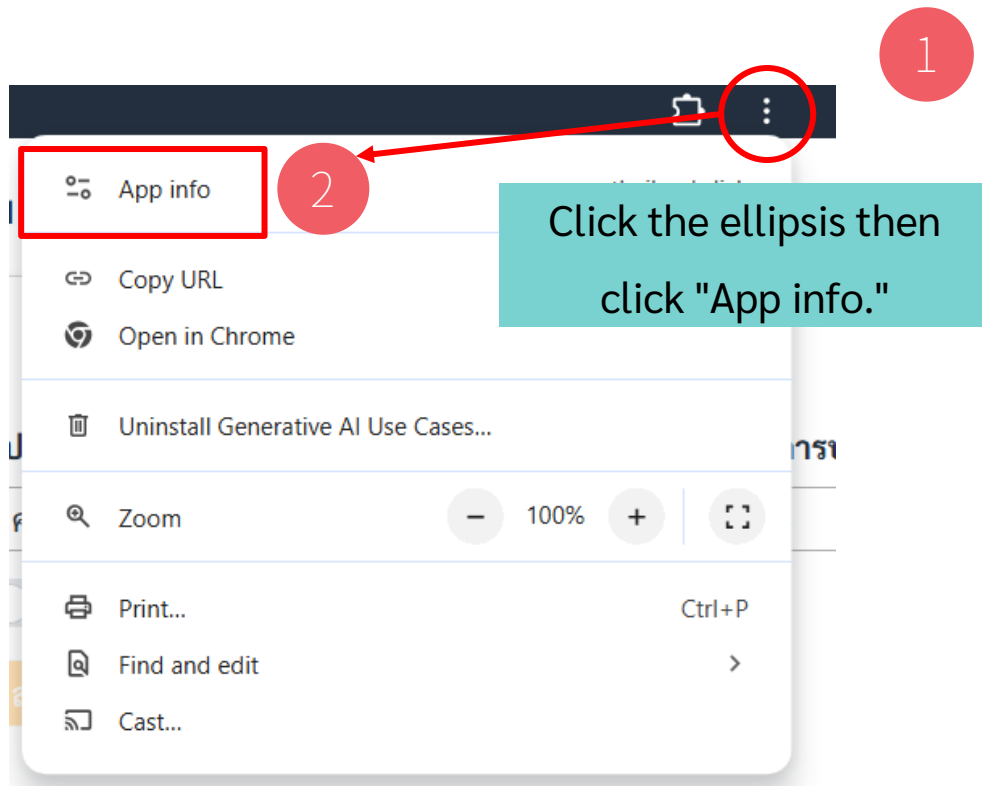
5. Meeting Minutes

There are three usage methods as follows:



How to Input Microphone

Before using this function, we need to allow microphone audio input.



Various Tools for Creating Meeting Reports

Description of Each Function

Transcribe speaker audio

Meeting Language

Separate speaker audio

1

Meeting Minutes Generator

2

Microphone Input

Direct Input

File Upload

Start Recording

Microphone Input

Screen Audio

Real-time Translation

Transcription Language

English

Other

Speaker recognition

Max Speakers

4

Speaker names (comma separated)

Participant count

Clear

Names of meeting participants (A, B, C)

Transcript

Speech recognition results will be displayed here

Collapse

Minutes Style

FAQ

FAQ

Newspaper

Transcription

Custom

Meeting Minutes Generation Model

Claude Sonnet 4

Select an AI Model

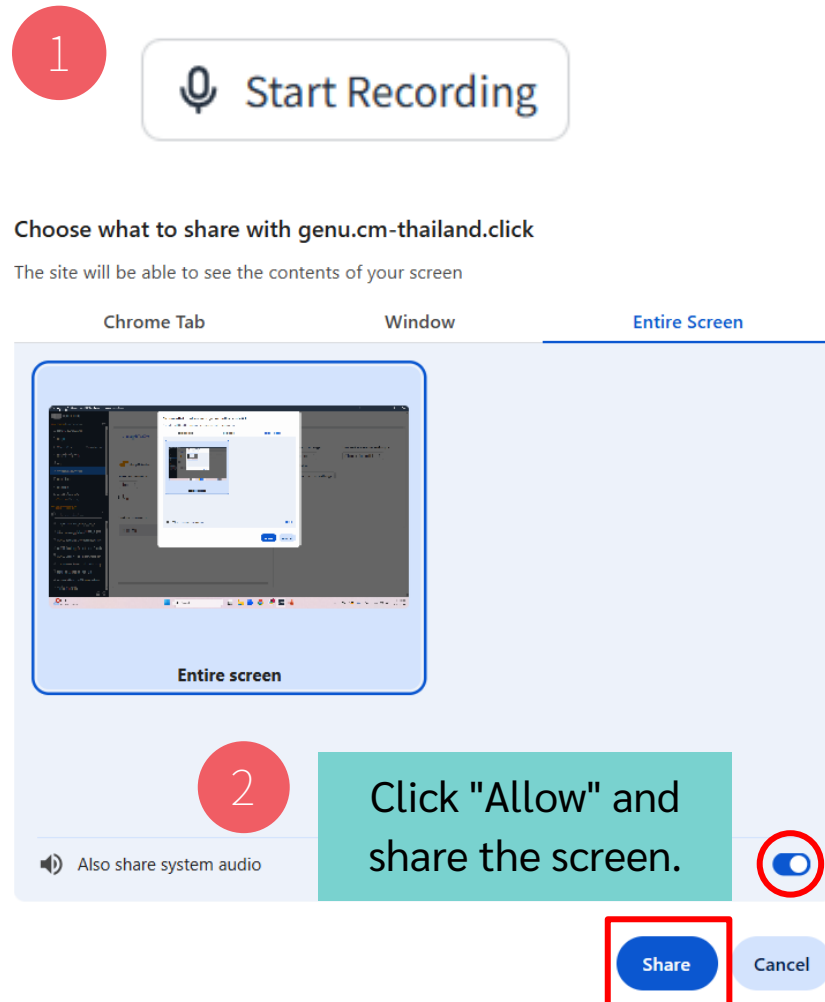
You can choose the format or style of the meeting report.

When using **custom** settings, you can specify the format and language of the meeting minutes. Example:

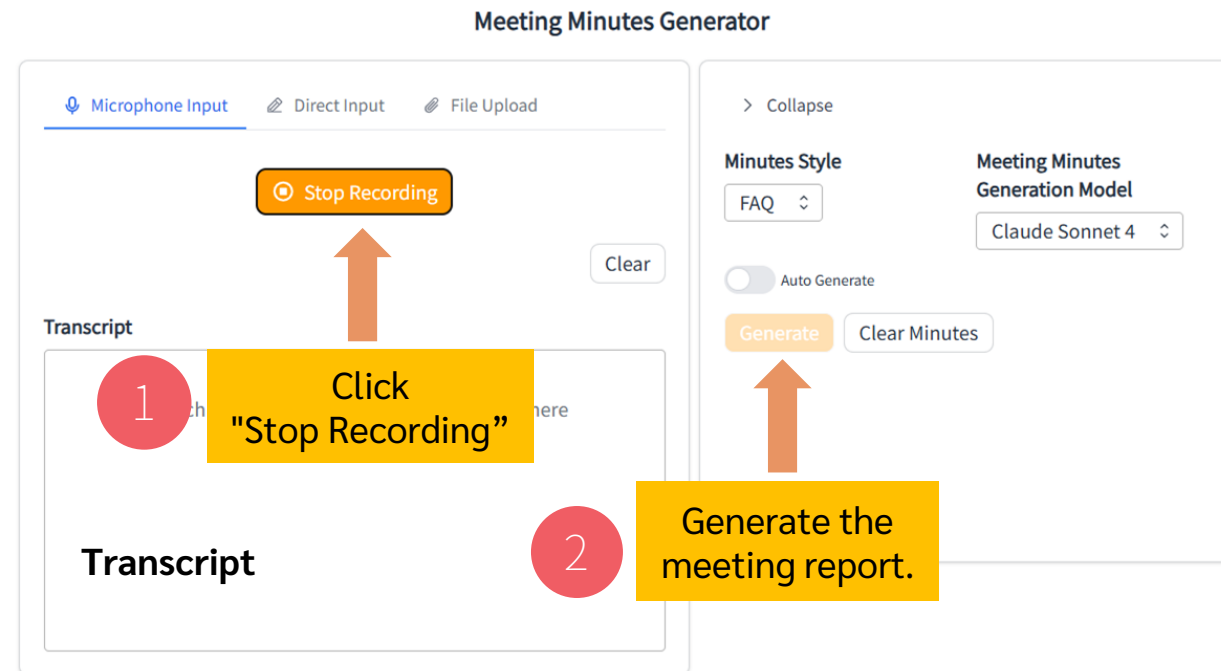
- Please create the meeting minutes in Japanese.
- This is for internal use. Please create detailed meeting minutes as much as possible.

Confidential

How to Start a Meeting



When the Meeting is Over



Note: Do not use other GenU functions while recording to avoid data loss.
You may switch to other applications during recording.

How to Use Direct Input and File Upload

Microphone Input
Direct Input
File Upload

Please enter the source text for meeting minutes directly in the "Transcript" area below.

Clear

Transcript

Please enter the source text for meeting minutes here...

Enter transcript to create a meeting report.

Microphone Input
Direct Input
File Upload

Choose File

No file chosen

Upload audio or video files.

mp3, mp4, wav, flac, ogg, amr, webm, m4a files are available

Transcription Language

English

Meeting Language

▼ Detailed parameters

Speaker recognition

Separate speaker audio.

Clear Speech Recognition

Transcript

Speech recognition results will be displayed here

6. Writing

Writing

Claude Sonnet 4

Saved

2042 characters



Clear

Tutorial

Review

Finding the Best Creative Writing Blogs on the Internet

Regardless how many books I've writtenn or sold, if I'm not still educating myself about writing, I'm stagnating.

My late mother taught me the valuea of life-long learning. Not only was she a piano teacher into her eighties, but she was also a piano student. One of the most powerful learning tools today is the internet. But you could surf through endless writing blogs before finally finding which are the best for you and worthy of yours time. So I asked my team to research what's out there, and we've compiled a short list to get you started. But you also know how to search by specifying genres and areas of interest, so don't stop here. Our list is by no means exhaustive, and I haven't even included all the ones I enjoy. Here, then, are just suggestions of a few blogs you might want to check out to start your own list of writing resources—and we list them in alphabetical order:

Result

Regardless of how many books I've writtenn or sold

Replace

Missing preposition 'of' and misspelling 'writtenn' should be 'written'



My late mother taught me the valuea of life-long learning

Replace

Misspelling 'valuea' should be 'value'



comments

As a tool to:

- Check spelling
- Check language accuracy
- Check grammar
- Adjust sentence structure

7. Translation

How to use

Translate

1

Text to translate

Claude Sonnet 4 1.1 **Select an AI Model**

Auto detect language

Enter text

1.2 **Enter the words you want to translate**

▼ **Additional context** - *Optional*

You can enter additional points to consider (e.g., casualness, etc.)

1.3 **Choose the output format**

2

English 9 languages available

Translation result

- Thai
- English
- Japanese
- Chinese
- Korea
- French
- Spanish
- German
- Vietnamese


Clear

Execute

Auto translate ☐

8. Web Content Extraction

How to use

 Web Content Extraction

Website to extract content from

Claude Sonnet 4

Select an AI Model

Please specify a website where text is the main content, such as blogs, articles, or documents. Otherwise, it may not output correctly.

Enter URL


Paste the website link to extract content

► Additional context - *Optional*

Clear

Execute

Extracted text will be displayed here



► Original text (not fetched)

Benefits

- No need to copy text manually.
- Obtain comprehensive information.
- Save time.

The extracted information can be used with other tools:

- **Text Generating:** Write new articles.
- **Summary**
- **Translation**
- **Writing:** Check for accuracy.

Example of Web Content Extraction

Result

Web Content Extraction

Website to extract content from

Claude Sonnet 4

Please specify a website where text is the main content, such as blogs, articles, or documents. Otherwise, it may not output correctly.

https://jerryjenkins.com/best-creative-writing-blogs/

Additional context - Optional

Clear

Execute

Finding the Best Creative Writing Blogs on the Internet

Regardless how many books I've written or sold, if I'm not still educating myself about writing, I'm stagnating.

My late mother taught me the value of life-long learning. Not only was she a piano teacher into her eighties, but she was also a piano student. One of the most powerful learning tools today is the internet. But you could surf through endless writing blogs before finally finding which are the best for you and worthy of your time. So I asked my team to research what's out there, and we've compiled a short list to get you started. But you also know how to search by specifying genres and areas of interest, so don't stop here. Our list is by no means exhaustive, and I haven't even included all the ones I enjoy. Here, then, are just suggestions of a few blogs you might want to check out to start your own list of writing resources—and we list them in alphabetical order:

Become a Writer Today

Through his blog Become a Writer Today, Bryan Collins focuses on the needs of new writers. A non-fiction writer, blogger, and podcaster, Bryan writes on those genres, as well as on self-publishing. He's written two 3-book series, "Become a Better Writer Today" and "The Power of Creativity." A team of writers cover the business side of writing and such topics as writer's block, formatting, and best practices.

The Creative Penn

A New York Times and USA Today bestselling thriller author, Joanna Penn is behind The Creative Penn. She also writes books for writers—her 21 titles have sold more than a half-million copies. She's a speaker, an entrepreneur, runs Cud Up Press, and has been named one of the top 100

9. Image Generating

How to use

Image Generation Assistant ⓘ

Claude Sonnet 4
Select an AI Model


Hints





- Start with a simple instruction like 'Generate a cute cat image'.
- Specifying styles like 'in watercolor style' or 'realistic' is effective.
- Describe in detail the elements you want to include, such as 'mountains in the background' or 'blue sky'.
- Instructions related to quality, such as 'high resolution' or 'detailed', are also effective.
- You can also specify particular artistic styles like 'anime style' or 'oil painting style'.
- For complex scenes, give specific instructions about composition, color scheme, etc.

Write a detailed prompt to generate the image.

Prompt Example

Generate a cute cat image



Prompt ⓘ

Enter text

Negative Prompt ⓘ

Enter text

Model
Stable Diffusion 3.5 Large

Resolution
1024 x 1024

Seed ⓘ
0

Image Samples ⓘ
3

Detailed Parameters

Generate
Clear

Image Generating Results

Image Generation Assistant

Claude Sonnet 4

Generate a cute cat image

I've generated the image. We can continue our conversation to get closer to your ideal image. Here are some improvement suggestions:

- Specify the cat's breed or color pattern (tabby, calico, Persian, etc.)
- Add environmental details like indoor/outdoor setting or specific props
- Define the mood or activity (playing, sleeping, curious expression)

Recommended Styles

photographic digital-art enhance No Style

Positive Prompt - Specify what to include

Negative Prompt - Specify what to exclude

What kind of image would you like to generate?

Result

3 results are generated

Prompt: cute cat, fluffy fur, big round eyes, small pink nose, whiskers, sitting pose, soft lighting, high quality, detailed, adorable expression, domestic cat, photorealistic

Negative Prompt: ugly, deformed, blurry, low quality, dark, scary, aggressive, dirty, messy background, noise, artifacts

Model: Stable Diffusion 3.5 Large Resolution: 1024 x 1024

Seed: 0 Image Samples: 3

Detailed Parameters

Generate Clear

Image Generating Results



Service Fees for Image Generating

Check the website for model pricing details. https://aws.amazon.com/bedrock/pricing/?nc1=h_ls

Stability AI	
On-Demand pricing	
Region: US East (N. Virginia) ▼	
Stability AI model	Price per generated image
Stable Diffusion 3.5 Large	\$0.08
Stable Image Core	\$0.04
Stable Diffusion 3 Large	\$0.08
Stable Image Ultra	\$0.14
Previous generation of image models offered by Stability AI are priced per image, depending on step count and image resolution.	

GenU rate: 0.08 USD per image.

Model
Stable Diffusion 3.5 Large

Resolution
1024 x 1024

Seed
3912433676
Image Samples
3

Detailed Parameters

Generate
Clear

10. Video Analysis

How to use

Video Analysis

Analyze video in near real-time

Camera

Integrated Camera ▾ Start

Model

Claude Sonnet 4 ▾ 1 select an AI Model

Click "Start" to open the camera.

2

3 Enter how you want the AI to analyze the video.

Enter text

Clear

▶

Video Analysis

Analyze video in near real-time


Camera

Integrated Camera

Start

Model

Claude Sonnet 4



Sample video screen display.

I can see a person in this image (not a video) with the following characteristics:

Physical Appearance:

Result

- Asian appearance
- Short, straight dark hair with bangs
- Wearing black-framed glasses
- Appears to be young, possibly a student or young professional

Clothing:

- Wearing what appears to be a white collared shirt or blouse

Setting:

Clear

Please analyze person in video

11. Diagram Generating

How to Use

- Select the appropriate AI model.
- Choose the chart type to display your data.
- Specify the desired format.
- Generate generate and display results.

Recommendation: Write detailed commands for data accuracy.

Generate Diagram

Text for diagram generation

Model

Claude Sonnet 4

Select diagram type - Pie Chart



AI

Let AI choose the optimal diagram type



Flowchart

Flowcharts visualize processes or workflows



Pie Chart

Pie charts show proportions of a whole



Mind Map

Mindmaps organize related concepts or ideas hierarchically

View other diagram types

Input information into pie chart

A : 1 0 %

B : 4 0 %

C : 3 0 %

D : 2 0 %

Input example

Commute Methods Example

Clear

Generate

Result

Answer

This pie chart displays the distribution of four categories (A, B, C, D) with their respective percentages. Category B has the largest share at 40%, followed by Category C at 30%, Category D at 20%, and Category A with the smallest share at 10%. The pie slices are arranged clockwise in alphabetical order from A to D, making it easy to compare the relative proportions of each category.

Pie Chart

Result

SVG

PNG

Show Diagram

Show Code

Distribution by Category

