



AI Content Generator

FEATURES

- Employs the **ChatGPT 3 API** to power content generation, ensuring exceptional quality
- Enables real-time content generation for seamless product addition and editing
- Leverages pre-defined prompts based on product titles and attributes for precise and efficient content generation
- Utilizes AI technology to generate compelling content for Description, Short Description, Meta Title, Meta Keywords, and Meta Description
- Facilitates bulk AI content generation by uploading CSV files, streamlining the process
- Offers customizable prompts for generating captivating and creative descriptions

Ultimate Guide for Magento 2 AI Content Generator

Introducing Magento 2 AI Content Generator the ultimate extension for streamlining your content creation process. With its advanced artificial intelligence capabilities, this extension revolutionizes how you generate product descriptions and optimize your website's metadata.

- **Generate Product Descriptions:** With just a few clicks, the AI Content Generator can generate engaging and unique short descriptions and descriptions for your products, eliminating the need for manual writing.
- **Generate Category Descriptions:** With just a few clicks, the AI Content Generator can create compelling and distinctive brief overviews and narratives for your category.
- **Meta Title, Meta Keywords, and Meta Description Generation:** Improve your website's search engine visibility by automatically generating optimized meta titles, keywords, and descriptions for your products and category.
- **Improved SEO:** Optimize your website's SEO performance with automatically generated meta titles, keywords, and descriptions that align with industry best practices.
- **Import Product Data:** Easily import product data from various sources, such as CSV files, to streamline the content generation process.
- **Content Generation Functionality:** The AI Content Generator offers a seamless workflow for generating content, ensuring consistent and high-quality descriptions across your entire product catalog.

Experience the power of AI and revolutionize your content generation process with Magento 2 AI Content Generator. Boost your productivity, enhance your SEO, and deliver compelling product descriptions effortlessly.

How to install the extension

1. Install via composer (recommend)

- Enable maintenance mode **php bin/magento maintenance:enable**
- Run the command **composer require mageinic/ai-content-generator**
- Run the command **php bin/magento module:enable MagelNIC_Core MagelNIC_AIContentGenerator**
- Run the command **php bin/magento setup:upgrade** to install the extension
- Run the command **php bin/magento cache:clean** to clean the cache
- Disable maintenance mode **php bin/magento maintenance:disable**
- Check the store environment if everything is working properly. If, at any point, the store displays an error, check the Magento logger for more details.

2. Upload via ZIP/Archive

- Back up your store's database and web directory
- Download the extension zip file and extract the zip file
- Transfer the **MagelNIC** folder to the Magento 2 **app/code/** directory on the server
- Enable maintenance mode **php bin/magento maintenance:enable**
- Run the command **php bin/magento module:enable MagelNIC_Core MagelNIC_AIContentGenerator**
- Run the command **php bin/magento setup:upgrade** to install the extension
- Run the command **php bin/magento cache:clean** to clean the cache
- Disable maintenance mode **php bin/magento maintenance:disable**
- Check the store environment to see if everything is working properly. If, at any point, the store displays an error, check the Magento logger for more details.

Extension Configuration

To configure the extension configuration, Please go to **Stores** → **Settings** → **Configuration** → **MagelNIC** → **AI Content Generator**.

General

The screenshot shows the 'Configuration' page for the 'AI Content Generator' extension. The page has a sidebar with navigation links: MAGEINIC, CATALOG, STORES, and SYSTEM. The main content area is titled 'Configuration' and includes a 'Scope' dropdown set to 'Default Config' and a 'Save Config' button. The 'AI Content Generator' section is expanded, showing the 'General' tab. The configuration options are as follows:

- AI Content Generator** (global): A toggle switch set to 'Enable'. A red arrow points to it with the text 'Options to Enable/Disable the extension'.
- Bulk Generation fields** (global): A list of checkboxes for 'Meta Title', 'Meta Keywords', 'Meta Description', 'Short Description', and 'Description'. A red arrow points to the list with the text 'Select multiple options that will be used when generating the AI content via import CSV file.'
- Bulk Import Notification Email Template** (global): A dropdown menu set to 'AI Bulk Import Notification Email Template (Default)'.
- Send Bulk Import Notification To** (global): A text input field with a placeholder 'Comma-separated'. A red arrow points to it with the text 'Select multiple options that will be used when generating the AI content via import CSV file.'

At the bottom of the configuration area, there is a section for 'API Configuration'.

AI Content Generator - Options to Enable/Disable the extension

Bulk Generation fields - Select multiple options that will be used when generating the AI content via import CSV file.

Bulk Import Notification Email Template - Select the email template

Send Bulk Import Notification To - Add multiple email addresses with comma-separated.

Once the AI content-generating process is completed, the system will send a notification email.

API Configuration

The screenshot shows the Magento 2.4.6 Configuration page. On the left is a vertical sidebar with navigation links: DASHBOARD, MAGEINIC, SALES, CATALOG, CUSTOMERS, MARKETING, CONTENT, REPORTS, STORES, SYSTEM, and PARTNERS & EXTENSIONS. The main content area is titled 'Configuration' and shows the 'Scope' as 'Default Config'. A 'Save Config' button is in the top right. The left sidebar of the configuration area lists modules: GENERAL, MAGEINIC (expanded), AI Content Generator, CATALOG, SECURITY, CUSTOMERS, SALES, SERVICES, and ADVANCED. The 'API Configuration' section for the AI Content Generator is active, showing the following settings:

- End Point URL (global): ☒ Use system value
- OpenAI Key (global): [?](#)
-
- Temperature (global): [?](#)
- Top P (global): [?](#)
- Frequency Penalty (global): [?](#)
- Presence Penalty (global): [?](#)

At the bottom, the footer contains the copyright notice 'Copyright © 2023 Magento Commerce Inc. All rights reserved.' and the version 'Magento ver. 2.4.6' with links for [Privacy Policy](#), [Account Activity](#), and [Report an Issue](#).

OpenAI Key - Put your OpenAI key

Validate OpenAI Key - Click the button to validate the OpenAI key

Temperature - Set the prompt temperature

Top P - You can handle the Top P value via the Yes/No option

Frequency Penalty - You can handle the Frequency Penalty value via the Yes/No option

Presence Penalty - You can handle the Presence Penalty value via the Yes/No option

Extension Usage

Add the product attributes in the prompt

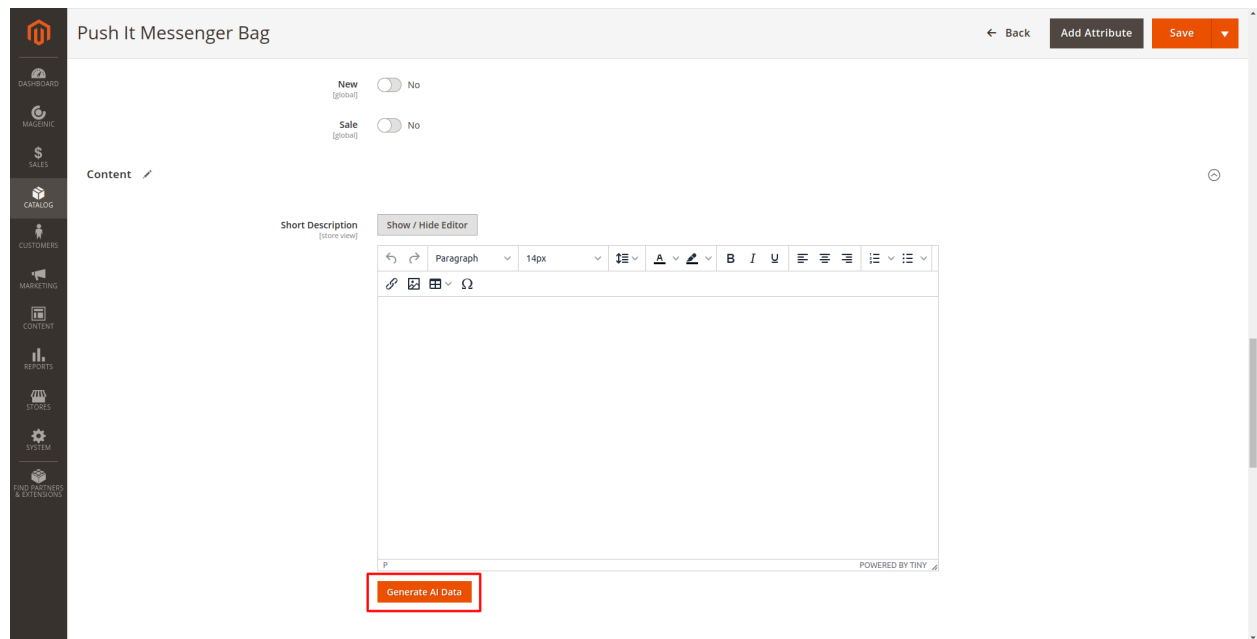
The screenshot shows the Magento 2 Admin interface for editing the 'color' attribute. The left sidebar contains navigation links: DASHBOARD, MAGENTO, SALES, CATALOG, CUSTOMERS, MARKETING, CONTENT, REPORTS, STORES, SYSTEM, and THIRD PARTIES & EXTENSIONS. The main content area is titled 'color' and includes a top bar with buttons: Back, Delete Attribute, Reset, Save and Continue Edit, and Save Attribute. Below the top bar, there are two color swatches: a white swatch and a yellow swatch, with an 'Add Swatch' button. The 'Advanced Attribute Properties' section contains the following fields:

- Attribute Code:** color (Text field)
- Scope:** Global (Dropdown menu)
- Unique Value:** No (Dropdown menu)
- Input Validation for Store Owner:** None (Dropdown menu)
- Add to Column Options:** Yes (Dropdown menu)
- Use in Filter Options:** Yes (Dropdown menu)
- Use in AI content generator:** Yes (Dropdown menu, highlighted with a red box)

Please go to **Stores** → **Attributes** → **Product** → **AI Content Generator**.

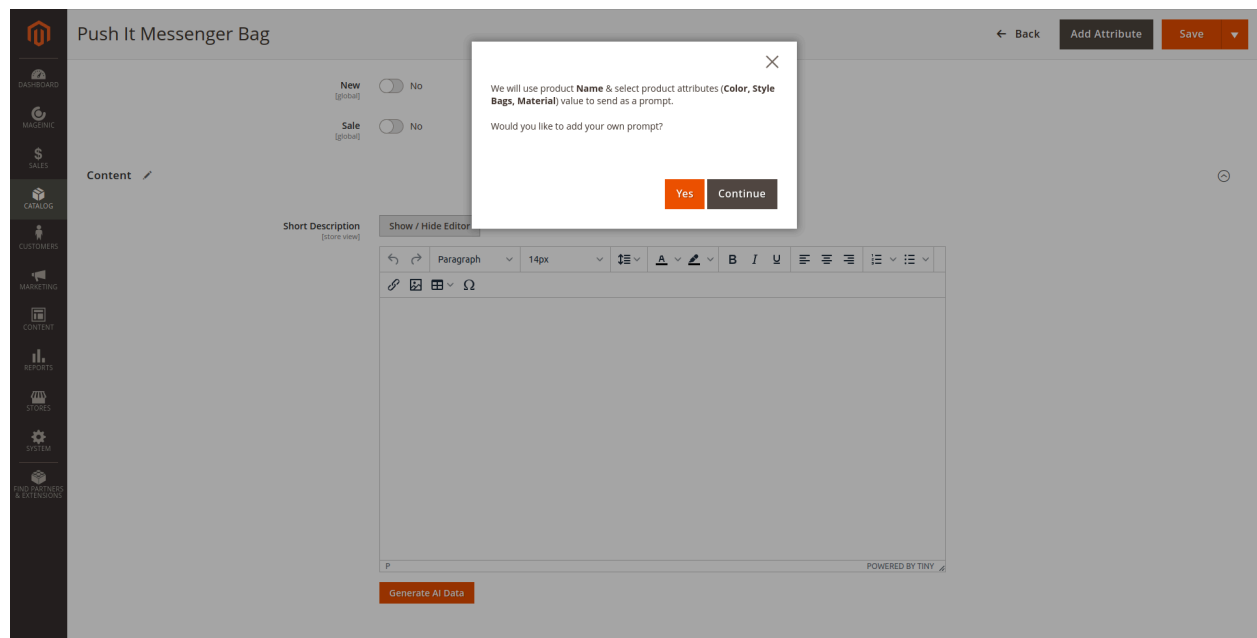
- Edit existing attribute
- Go to the **Advanced Attribute Properties** tab
- Set **Yes** value in **Use in AI content generator** drop-down
- Clear Magento cache

Generate the product content

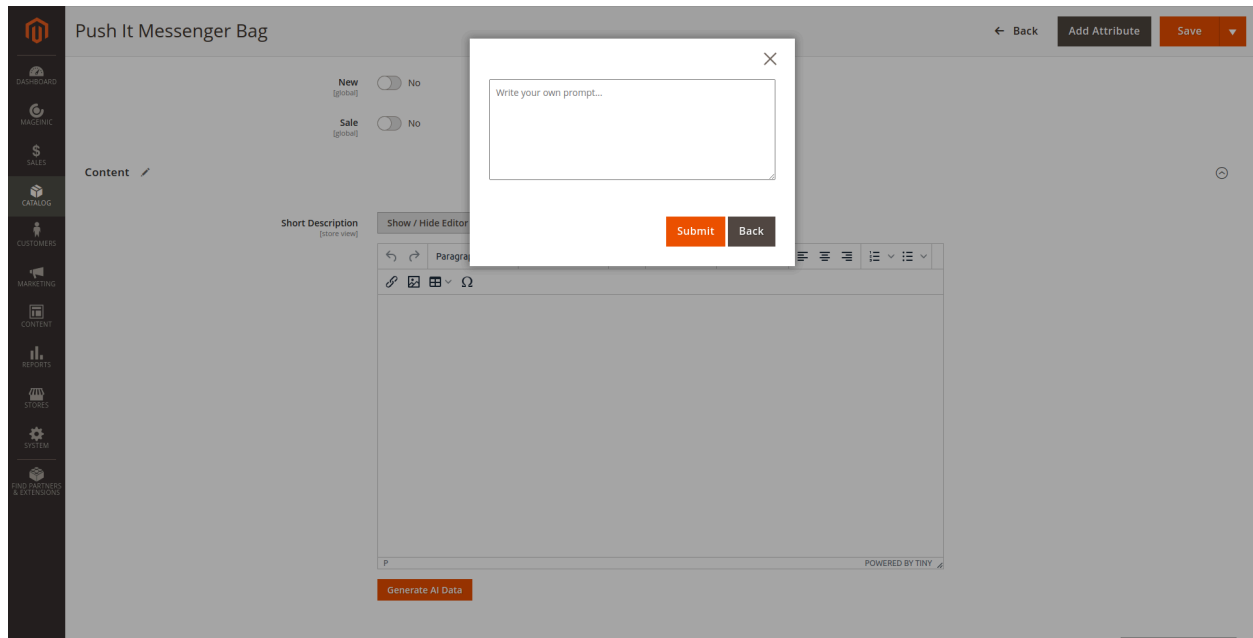


Please go to **Catalog** → **Product**.

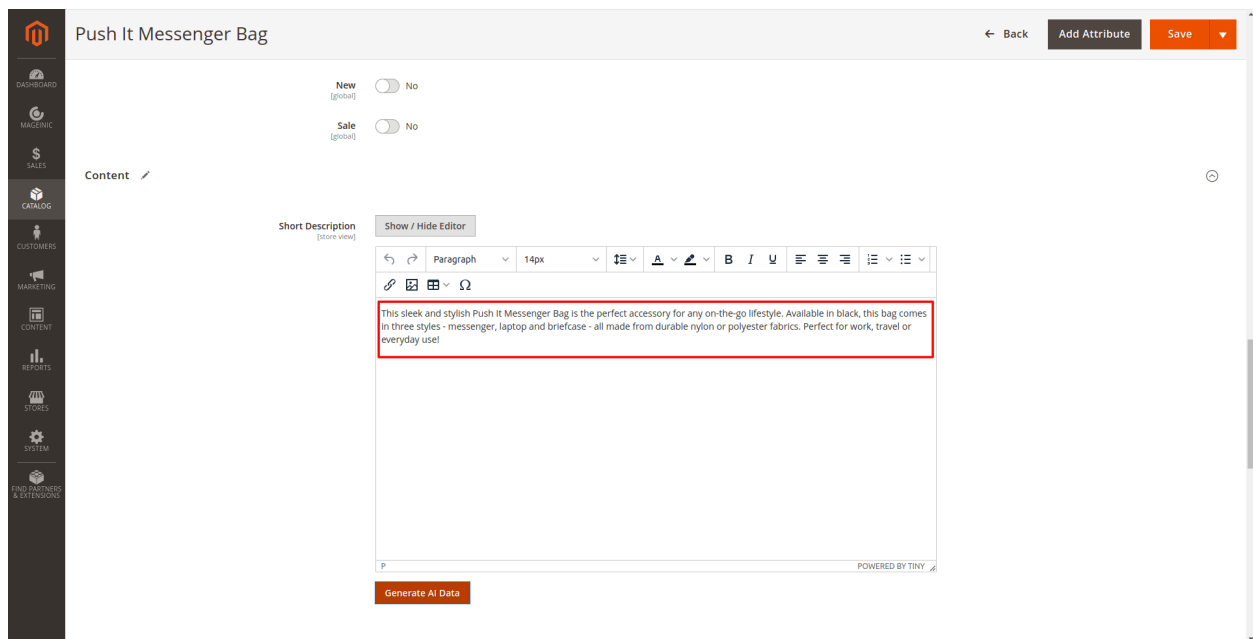
- Add or Edit existing product
- Go to the **Content** tab and click on the **Generate AI Data** button



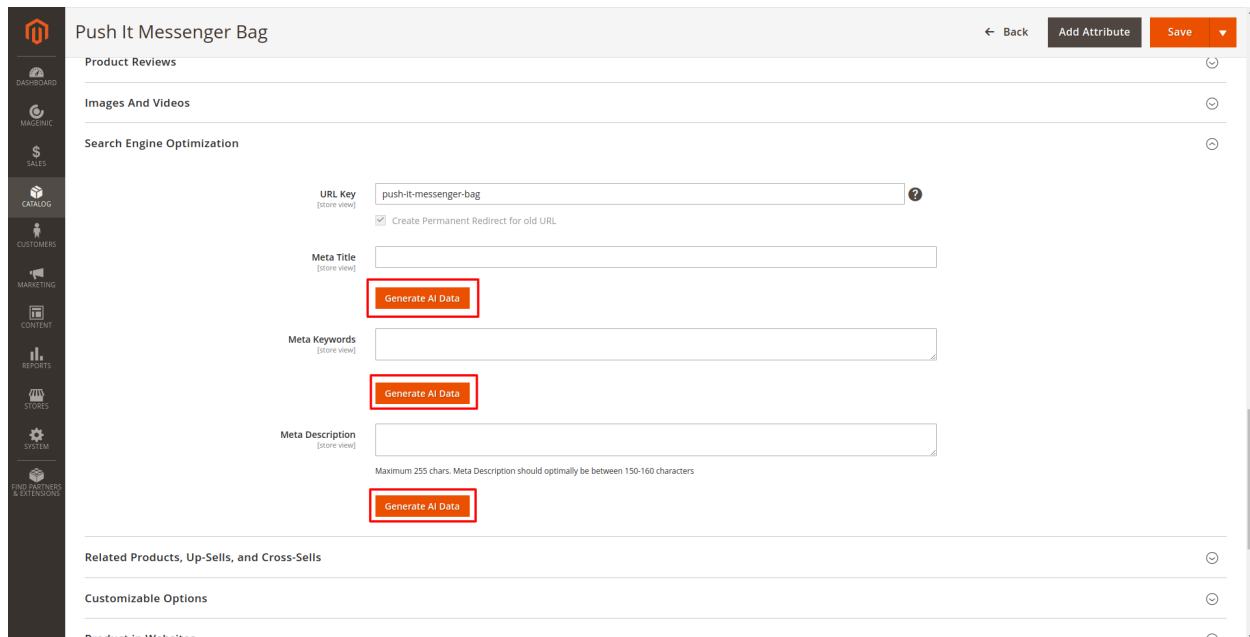
- In the popup you can see the extension provides the custom prompt functionality or you can **Continue** with the default prompt.
- Also, You can see the product attributes at the top of the content which is used to generate the prompt.
- If you click on the **Yes** button. You can able to write your own prompt and generate the content.



- After, Getting the data from AI. It updates the product's short description



- Go to the **Search Engine Optimization** tab and you can generate the product meta title, meta keywords, and meta description



Push It Messenger Bag

Product Reviews

Images And Videos

Search Engine Optimization

URL Key (store view) push-it-messenger-bag ?

☒ Create Permanent Redirect for old URL

Meta Title (store view)

Generate AI Data

Meta Keywords (store view)

Generate AI Data

Meta Description (store view)

Maximum 255 chars. Meta Description should optimally be between 150-160 characters

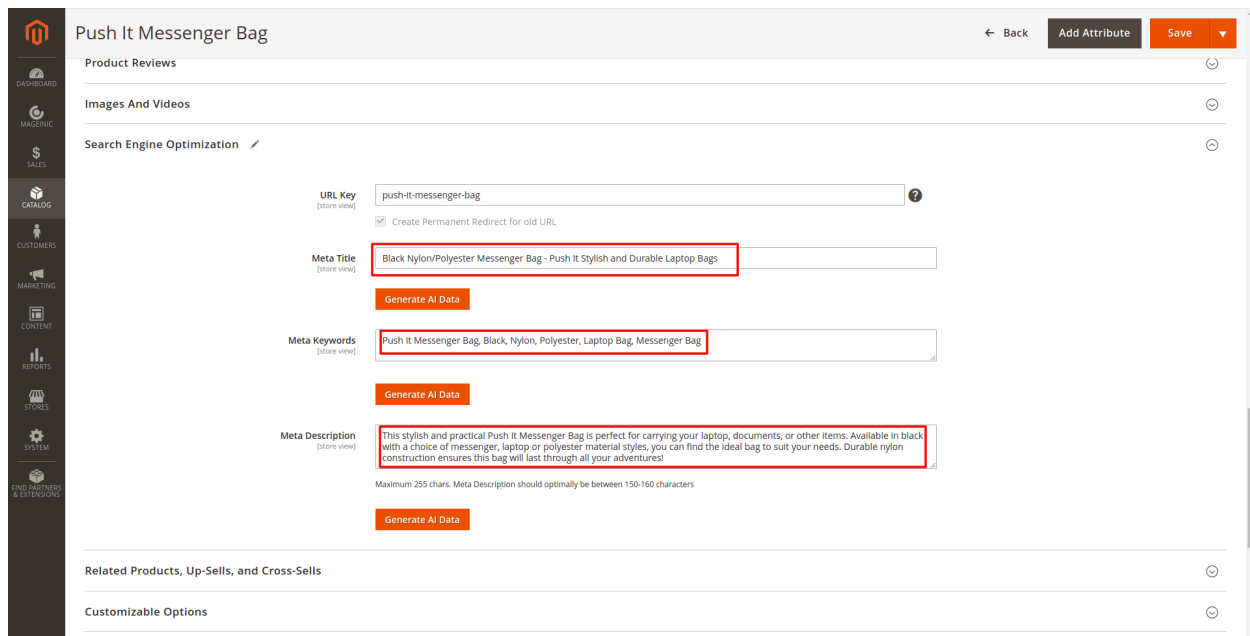
Generate AI Data

Related Products, Up-Sells, and Cross-Sells

Customizable Options

Product in Websites

- After, Getting the data from AI. It updates the product's metadata



Push It Messenger Bag

Product Reviews

Images And Videos

Search Engine Optimization

URL Key (store view) push-it-messenger-bag ?

☒ Create Permanent Redirect for old URL

Meta Title (store view) Black Nylon/Polyester Messenger Bag - Push It Stylish and Durable Laptop Bags

Generate AI Data

Meta Keywords (store view) Push It Messenger Bag, Black, Nylon, Polyester, Laptop Bag, Messenger Bag

Generate AI Data

Meta Description (store view) This stylish and practical Push It Messenger Bag is perfect for carrying your laptop, documents, or other items. Available in black with a choice of messenger, laptop or polyester material styles, you can find the ideal bag to suit your needs. Durable nylon construction ensures this bag will last through all your adventures!

Maximum 255 chars. Meta Description should optimally be between 150-160 characters

Generate AI Data

Related Products, Up-Sells, and Cross-Sells

Customizable Options

Generate the category content

Please go to **Catalog → Categories**.

- Add or Edit existing product
- Go to the **Content** tab and **Description**

Find items

Layout

Row

Columns

Elements

Text

Heading

Buttons

Divider

HTML Code

Media

Add Content

Edit HTML Code

Close Save

Insert Widget... Insert Image... Insert Variable... Generate AI Data

```
<div> <p>Discover the perfect pair of pants for any occasion with our wide selection of styles and fits. From classic to trendy, our pants are designed to make you feel confident and stylish.</p> <h2>Why Choose Our Pants?</h2> <ul> <li>Comfortable and durable fabrics that move with you</li> <li>Flattering cuts that enhance your figure</li> <li>Versatile designs that can be dressed up or down</li> <li>High-quality construction for long-lasting wear</li> <li>Available in a range of sizes to fit every body type</li> </ul> <h2>Styles for Every Occasion</h2> <p>Whether you're heading to the office, running errands, or going out for a night on the town, we have the perfect pants for you.</p> <ul> <li>Sleek and professional dress pants for a polished look</li> <li>Comfortable and stylish leggings for a casual day out</li> <li>Trendy and chic wide-leg pants for a fashion-forward statement</li> <li>Relaxed and versatile joggers for a laid-back vibe</li> </ul> <h2>Find Your Perfect Fit</h2> <p>We understand that finding the right fit is crucial for feeling confident and comfortable in your pants. That's why we offer a variety of sizes and fits to cater to all body types.</p> <ul> <li>Slim fit for a sleek and streamlined look</li> <li>Straight fit for a classic and timeless style</li> <li>Bootcut fit for a flattering silhouette</li> <li>Plus size options for a perfect fit for all</li> </ul> <p></p></div>
```

Generate category description

HTML code must be valid, all CSS & JavaScript must be wrapped in their HTML elements.

Advanced

Alignment

Default

Left

Center

Right

You can also generate the category Metadata. Go to the **Search Engine Optimization** tab.

Pants (ID: 27)

Delete Save

Add Root Category

Add Subcategory

Collapse All | Expand All

Default Category (ID: 2) (2040)

What's New (ID: 38) (0)

Women (ID: 20) (0)

Tops (ID: 21) (784)

Bottoms (ID: 22) (228)

Pants (ID: 27) (91)

Shorts (ID: 28) (137)

Men (ID: 1) (0)

Clear (ID: 3) (46)

Collections (ID: 7) (13)

Training (ID: 9) (0)

Promotions (ID: 29) (0)

Sale (ID: 37) (0)

Enable Category ☒ Yes

Include in Menu ☒ Yes

Category Name

Content

Display Settings

Search Engine Optimization

URL Key

Create Permanent Redirect for old URL ☒

Meta Title

Meta Keywords

Meta Description

Generate AI Data

Generate AI Data

Generate AI Data

Generate category Meta title, Meta keywords, and Meta description.

After the generated data it looks like the below image.

Pants (ID: 27) Delete Save

Default Category (ID: 2) (2040) [store view]

What's New (ID: 38) (0)

Women (ID: 20) (0)

Tops (ID: 21) (784)

Bottoms (ID: 22) (228)

Pants (ID: 27) (81)

Shorts (ID: 28) (137)

Men (ID: 11) (0)

Gear (ID: 3) (46)

Collections (ID: 7) (13)

Training (ID: 9) (0)

Promotions (ID: 29) (0)

Sale (ID: 37) (0)

Category Name * [store view] Pants

Content ⌵

Display Settings ⌵

Search Engine Optimization ✓ ⌵

URL Key [store view] pants-women

☒ Create Permanent Redirect for old URL

Meta Title Shop the Latest Styles and Trends in Pants - Your Ultimate Destination for Fashionable Bottoms Generate AI Data

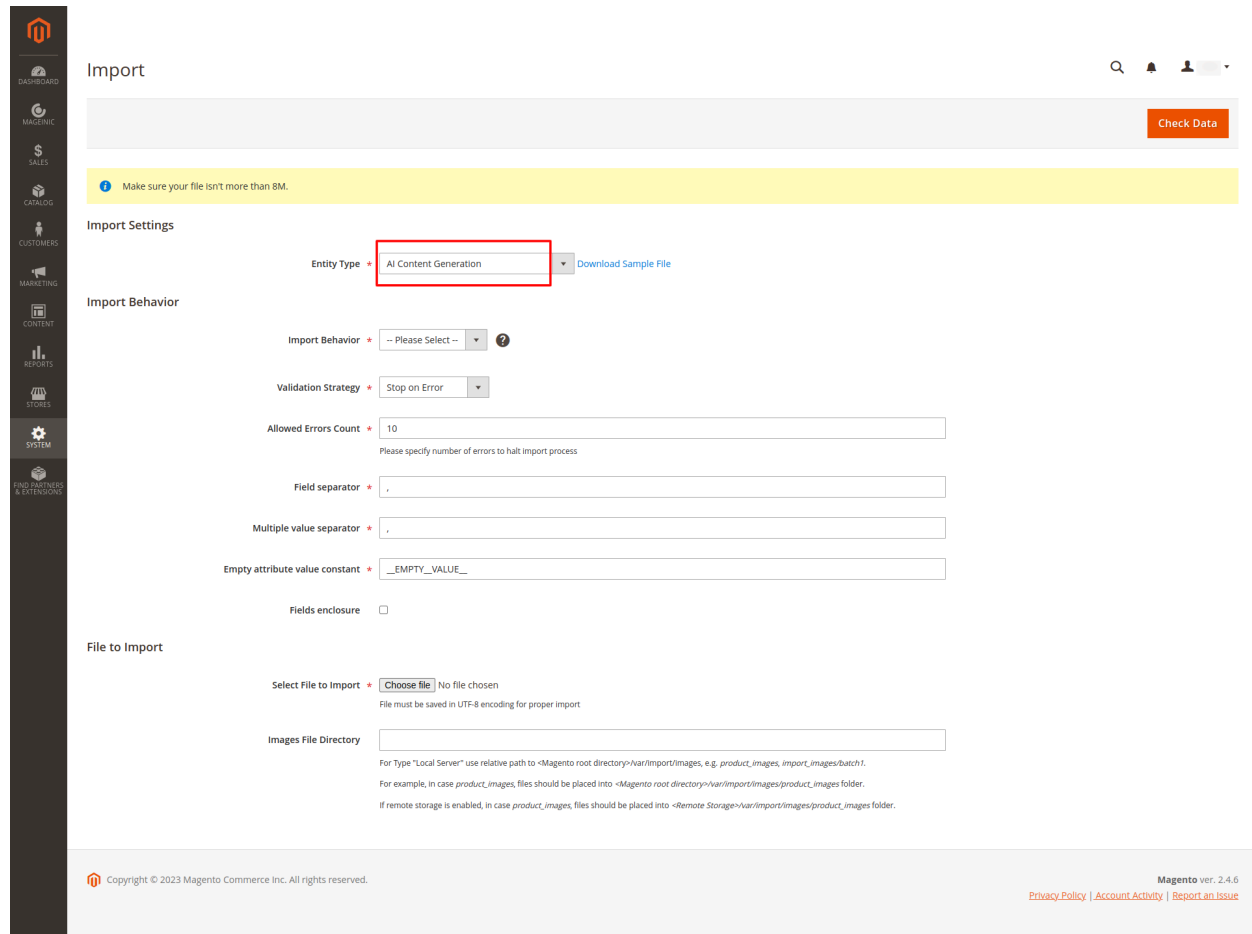
Meta Keywords pants, trousers, bottoms, jeans, slacks, leggings, chinos, cargo pants, sweatpants, dress pants, casual pants, work pants, fashion pants, men's pants, women's pants, children's pants, plus size Generate AI Data

Meta Description Shop our collection of stylish and comfortable pants for men and women. From classic denim to trendy joggers, find the perfect fit for any occasion. Free shipping on all orders over \$50. Generate AI Data

Products in Category ⌵

Design ⌵

Generate the product content Via import CSV



The screenshot shows the 'Import' page in the Magento 2.4.6 admin interface. The left sidebar contains navigation links for Dashboard, Magento, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, System, and Partners & Extensions. The main content area is titled 'Import' and includes a 'Check Data' button. A yellow banner at the top states: 'Make sure your file isn't more than 8M.' Below this, the 'Import Settings' section features a red-bordered dropdown menu for 'Entity Type' set to 'AI Content Generation', with a 'Download Sample File' link. The 'Import Behavior' section includes dropdowns for 'Import Behavior' (set to '-- Please Select --') and 'Validation Strategy' (set to 'Stop on Error'). It also has input fields for 'Allowed Errors Count' (set to 10), 'Field separator' (set to comma), 'Multiple value separator' (set to comma), and 'Empty attribute value constant' (set to '_EMPTY_VALUE_'). A 'Fields enclosure' checkbox is present. The 'File to Import' section has a 'Select File to Import' button (labeled 'Choose file') and a text input for 'Images File Directory'. Below the input field, there is explanatory text about file paths and remote storage. The footer contains copyright information and links for Privacy Policy, Account Activity, and Report an Issue.

Import

Check Data

Make sure your file isn't more than 8M.

Import Settings

Entity Type * AI Content Generation Download Sample File

Import Behavior

Import Behavior * -- Please Select -- ?

Validation Strategy * Stop on Error

Allowed Errors Count * 10
Please specify number of errors to halt import process

Field separator * ,

Multiple value separator * ,

Empty attribute value constant * _EMPTY_VALUE_

Fields enclosure ☐

File to Import

Select File to Import * Choose file No file chosen
File must be saved in UTF-8 encoding for proper import

Images File Directory

For Type "Local Server" use relative path to <Magento root directory>/var/import/images, e.g. product_images, import_images/batch1.
For example, in case product_images, files should be placed into <Magento root directory>/var/import/images/product_images folder.
If remote storage is enabled, in case product_images, files should be placed into <Remote Storage>/var/import/images/product_images folder.

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Privacy Policy | Account Activity | Report an Issue

Please go to **System → Data Transfer → Import**.

- Select **AI Content Generation** in the **Entity Type** drop-down
- You can download the sample import CSV file just clicking on the **Download Sample File** link
- Upload your CSV file in the **Select File to Import** field
- Click on the **Check Data** button to validate the CSV file
- Click on the **Import** button to import the CSV file
- Once you click on the Import button, Extension moves all data to **RabbitMQ** to generate the content
- Once the process is completed you can see the notification

DASHBOARD

MAGENTIC

SALES

CATALOG

CUSTOMERS

MARKETING

CONTENT

REPORTS

STORES

SYSTEM

PARTNERS & EXTENSIONS

Import

The batch process for AI content generation is completed.
May 8, 2023, 6:23:05 AM

Check Data

See All (1 Unread)

Make sure your file isn't more than 8M.

Import Settings

Entity Type

-- Please Select --

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DASHBOARD

MAGENTIC

SALES

CATALOG

CUSTOMERS

MARKETING

CONTENT

REPORTS

STORES

SYSTEM

PARTNERS & EXTENSIONS

Notifications

Actions

1 records found

20 per page

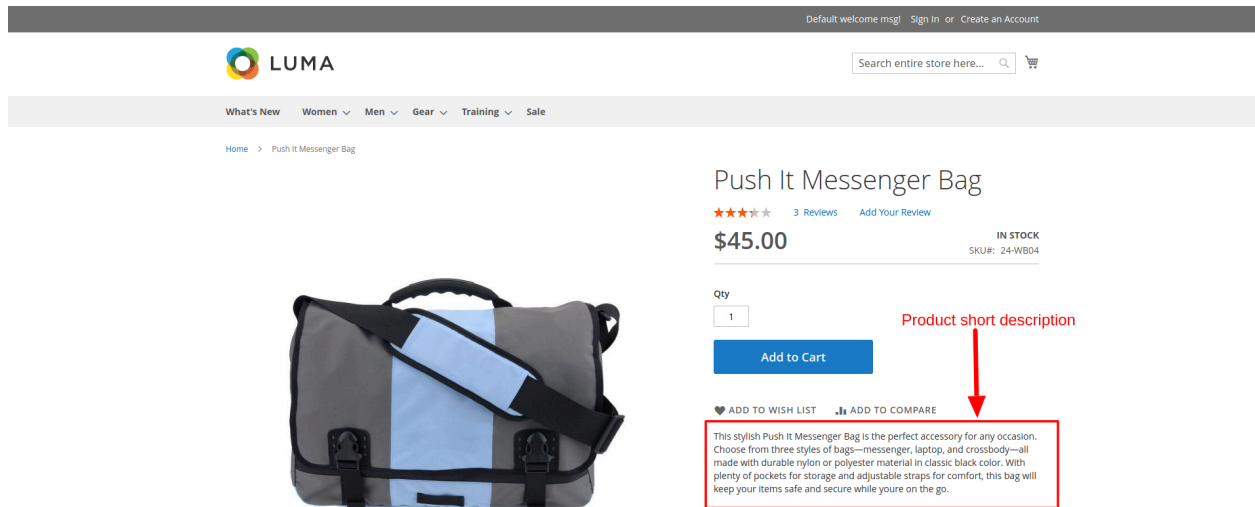
< 1 of 1 >

	Severity	Date Added	Message	Actions
<input type="checkbox"/>	MAJOR	May 8, 2023, 6:23:05 AM	The batch process for AI content generation is completed.	Mark as Read Remove

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Magento ver. 2.4.6
[Privacy Policy](#) | [Account Activity](#) | [Report an Issue](#)

- Check and verify product content. Also, You can see the updated content on the front side



Note

- **Bulk Import Process**
 - Before initiating the CSV import, double-check that RabbitMQ is running correctly and the message queues are operational. This ensures that the product AI content generation process can proceed smoothly without any interruptions. You can optimize the bulk import process and leverage the power of AI to generate accurate and compelling product content efficiently.
- **OpenAI Endpoint Integration**
 - The content generator module utilizes **OpenAI API** to generate high-quality and tailored category and product content efficiently.