

Amazon Personalize for Magento 2: Installation & Configuration Instructions



There are five steps to installing and configuring Amazon Personalize on your Magento 2 site.

1. Install the extension on your site.
2. Authorize the extension to access your AWS account.
3. Configure the extension in your Magento admin area.
4. Allow the system to train and learn based on your historical data.
5. Add the Amazon Personalize widget to additional pages via the CMS.

Introduction: How the extension works

The Amazon Personalize extension Magento 2 sites to leverage Amazon Personalize for real-time personalization and recommendations.

Amazon Personalize

Real-time personalization and recommendation, based on the same technology used at Amazon.com

Background:

The extension allows a merchant to be able to leverage Amazon's 20+ years of machine learning systems, and use their algorithms to power a Magento store's product recommendations. All data is self-contained and is not commingled with Amazon in any other way.

How it Works:

- **Product Recommendations:**
 - Users to the site will see personalized product recommendations.
 - Recommendations are based on how other users interact and purchase products.
- **Historical Data:**
 - Products viewed, catalog items, customer purchasing behavior is extracted from the Magento database.
 - The data is uploaded to an AI-training system to train a machine learning training solution for the data.
- **Real Time Event Tracking:**
 - Any time an anonymous or logged in user views a product page, adds an item to the cart or purchases an item, this event is sent to the AI training solution.
 - The real-time event tracking data allows the machine learning solution to continuously train and learn from customers on the site.
 - No edits need to be done to design files.

We also suggest...



304 FLUE FIT TOP
PLATE

★★★★★

Add to Cart

304 RAIN CAP

★★★★★

Add to Cart





- **Magento Widget:**
 - We've created an easy to use widget that allows an admin user to be able to place the recommended products onto CMS pages or in static blocks, directly via the Magento admin.
 - By default, the AI-powered recommended products are added to the product page.
 - The recommended products area will load asynchronously, so that page load time will not be impacted.
- **A-B Split Testing:**
 - We've built an A-B split testing system directly into the extension.
 - You can have the system display recommendations 0%, 10%, 25%, 50%, 75% or 100% of the time.
 - Integrates directly with Google Analytics.
- **Hosting Agnostic:**
 - The system will work with Cloud, AWS and on-premise hosted sites.
- **Price:**
 - Free Trial for 15 days (but requires Amazon Personalize via AWS)
 - \$249 per year after free trial.
- **Requirements:** Magento 2.3
- **Available Now: Visit Here to download a free trial:**
<https://www.customerparadigm.com/amazon-personalize-magento/>
- **Support?** Contact Customer Paradigm – support@customerparadigm.com or call 303.473.4400

Step 1: Installing the extension on your site:

Please follow these steps to install the Amazon Personalize extension on your Magento site.

We always recommend that you do this first on a test or development site prior to installing the extension on a live transactional commerce Magento site. You will need SSH access to your Magento site. You will also need the Magento cron to be set; the system will not work without cron enabled.

Step1A. (Option 1) Install using composer

This is the preferred installation method.

cd (change directory) to your website root directory.



Add the Amazon Personalize extension to your composer.json file with the following command:

```
composer require customerparadigm/amazon-personalize-extension":  
"^1.0"
```

Install the module with the following command:

```
composer install
```

Step1A. (Option 2)

Alternatively, you can use a zip file of the extension, and upload the files into the [/app/code/CustomerParadigm/AmazonPersonalize](#) directory on the site.

Cd (change directory) to [/app/code/CustomerParadigm/AmazonPersonalize](#)

Run the following command to install the aws sdk that is needed to run this extension:

```
composer update
```

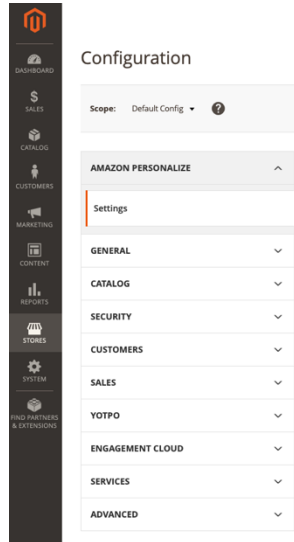
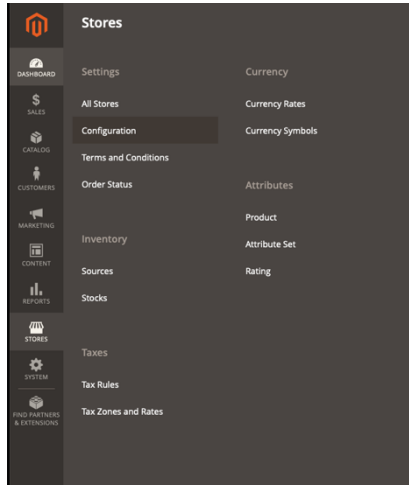
Step 1B. Compile / Upgrade.

Next, you'll need to compile / upgrade the extension by running the following commands:

```
rm -rf pub/static/*;rm -rf var/cache/* var/page_cache/*  
generated/* var/di;bin/magento setup:upgrade;bin/magento  
setup:di:compile;bin/magento setup:static-content:deploy -f
```

Step 1C. Check in the Magento Admin.

If this is successful, then you will see the Amazon Personalize extension in your Magento admin area under: [Stores --> Configuration --> Amazon Personalize](#).



Please note that product recommendations will not be visible on the front end of the site until the extension is configured, trained and enabled.

Step 2. Authorize the extension to access your AWS account.



AWS Console information:

For this next section, you'll need to have an active AWS account. If you are new to AWS, you can sign up here: <https://portal.aws.amazon.com/billing/signup#/start>. (You'll need to add in payment information as well.)

AWS offers a free tier for many of its services, including Amazon Personalize. For the first 2 months after signing up for Amazon Personalize, you are offered up to 20GB/month in data processing & storage, up to 100 training hours/month, and up to 50 TPS-hours of real-time recommendations/month. See the Amazon Personalize [pricing page](#) for additional details.

Step 2A. Log into AWS console:

Log into your AWS Account here: <https://console.aws.amazon.com>

Step 2B. Account ID.

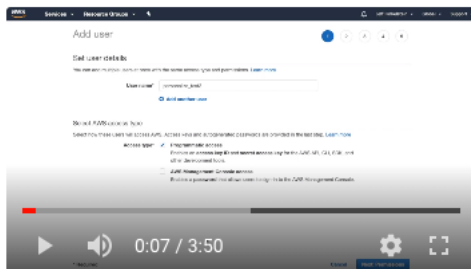
Next, find your AWS Account ID. This is usually found under your account name (top right of browser --> My Account

AWS account ID:
1234567890

Copy this down; you'll need it during configuration in Step 3.

Step 2C. Create new user via IAM

[Watch Video on YouTube >>](#)



To use the extension, you must create an IAM User for the extension. An IAM user is a person or application under an AWS account that has permission to make API calls to AWS services.



For security reasons, we strongly discourage using credentials for the “root” user of your AWS account with the extension.

Sign in to the AWS Management Console and open the IAM console here:
<https://console.aws.amazon.com/iam/>

This Identity and Access Management (IAM) page will allow you to create a new user.

On this case, I'll create a user name of `personalize_test`

I'll set the access type for programmatic access, so that the extension can make API calls to the AWS services required by the extension.

The screenshot shows the AWS IAM 'Add user' page. At the top, the navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information for 'Jeff Finkelstein'. The main heading is 'Add user' with a progress indicator showing 5 steps, with step 1 highlighted. The 'Set user details' section includes a note: 'You can add multiple users at once with the same access type and permissions. [Learn more](#)'. The 'User name*' field contains 'personalize_test' and there is an 'Add another user' button. The 'Select AWS access type' section has a note: 'Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)'. Under 'Access type*', 'Programmatic access' is selected with a checked checkbox. Its description is: 'Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.' The 'AWS Management Console access' option is unselected. At the bottom, there is a '* Required' label, a 'Cancel' button, and a blue 'Next: Permissions' button.



Step 2D. Add permissions to user

Second, you'll need to add the permissions to the new user to allow access to the AWS services required by the extension.

Click the **“Attach existing policies directly”** option below **“Set permissions”**.

In the policy search field, enter **“Personalize”** to find the managed policy for Amazon Personalize.

aws Services Resource Groups

Add user

1 2 3 4 5

Set permissions

- Add user to group
- Copy permissions from existing user
- Attach existing policies directly**

Create policy

Filter policies Showing 1 result

Policy name	Type	Used as
<input checked="" type="checkbox"/> AmazonPersonalizeFullAccess	AWS managed	Permissions policy (1)

Set permissions boundary

Cancel Previous **Next: Tags**

Select the checkbox for the **“AmazonPersonalizeFullAccess”** managed policy.

Clear the policy search field and enter **“S3”**.

Select the checkbox for the **“AmazonS3FullAccess”** managed policy.

Press the **“Next: Tags”** button at the bottom of the page to continue.

Step 2E. Add tags (optional)

You can add IAM tags that are user-defined key-value pairs to the user. For this demo we will not be adding tags for the user.

Step 2F. Review User:

On this page, you can review the user's information. Make sure that the user has programmatic access enabled and has the [AmazonPersonalizeFullAccess](#) and [AmazonS3FullAccess](#) policies attached.

Press the "Create user" button at the bottom of the page to create the user.



Add user 1 2 3 4 5

Review

Review your choices. After you create the user, you can view and download the autogenerated password and access key.

User details

User name	personalize_test
AWS access type	Programmatic access - with an access key
Permissions boundary	Permissions boundary is not set

Permissions summary

The following policies will be attached to the user shown above.

Type	Name
Managed policy	AmazonPersonalizeFullAccess
Managed policy	AmazonS3FullAccess

Tags

No tags were added.

[Cancel](#) [Previous](#) [Create user](#)



Step 2G. Add User: Success!

If you've configured everything properly, then you'll see a success page, where you have the username, access key ID and secret access key.

You can either download the CSV file with the credentials, or copy / paste the credentials to a secure area.

Please save the secret access key in a secure location – you will not be able to retrieve the secret access key once you leave this page.

Add user



Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://138144570375.signin.aws.amazon.com/console>

Download .csv

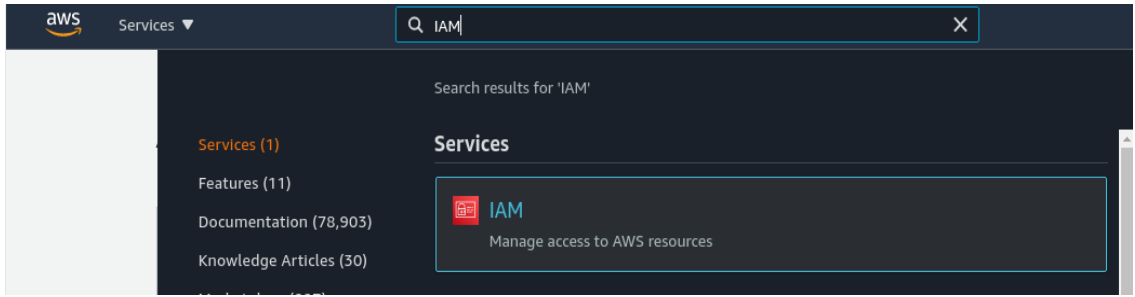
	User	Access key ID	Secret access key
▼	personalize_test	AKIASAKQ03QDZQBZDUG	***** Show

- Created user personalize_test
- Added user personalize_test to group personalize_test
- Created access key for user personalize_test

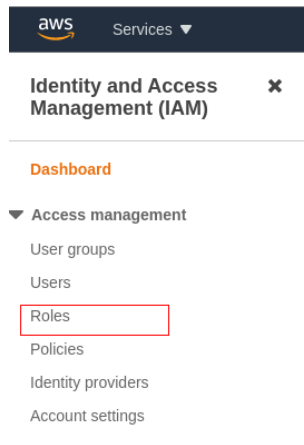
Step 2H. Create personalize_full_access role

AWS Personalize needs a role that allows it to perform operations on your S3 bucket data. Let's create that now.

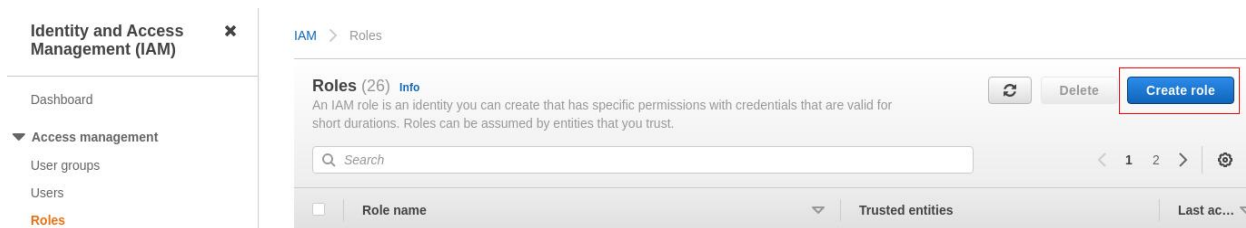
Go to the IAM Dashboard.



Click on 'Roles' in the left menu.



Click on the 'Create Role' button.





This takes you to a guided setup where you can create the role that AWS Personalize needs to access saved S3 bucket data.

Scroll to the bottom of the page, click 'Personalize' in the list of services, and then click the 'Next: Permissions' button:

Or select a service to view its use cases

API Gateway	CloudWatch Events	EMR	IoT SiteWise	RDS
AWS Backup	CodeBuild	EMR Containers	IoT Things Graph	Redshift
AWS Chatbot	CodeDeploy	ElastiCache	KMS	Rekognition
AWS Marketplace	CodeGuru	Elastic Beanstalk	Kinesis	RoboMaker
AWS Support	CodeStar Notifications	Elastic Container Registry	Lake Formation	S3
Amplify	Comprehend	Elastic Container Service	Lambda	SMS
AppStream 2.0	Config	Elastic Transcoder	Lex	SNS
AppSync	Connect	ElasticLoadBalancing	License Manager	SWF
Application Auto Scaling	DMS	EventBridge	MQ	SageMaker
Application Discovery Service	Data Lifecycle Manager	Forecast	Machine Learning	Security Hub
Application Migration Service	Data Pipeline	GameLift	Macie	Service Catalog
Batch	DataBrew	Global Accelerator	Managed Blockchain	Step Functions
Braket	DataSync	Glue	MediaConvert	Storage Gateway
Budgets	DeepLens	Greengrass	Migration Hub	Systems Manager
Certificate Manager	Directory Service	GuardDuty	Network Firewall	Textract
Chime	DynamoDB	Health Organizational View	OpsWorks	Transfer
CloudFormation	EC2	Honeycode	Personalize	Trusted Advisor
CloudHSM	EC2 - Fleet	IAM Access Analyzer	Purchase Orders	VPC
CloudTrail	EC2 Auto Scaling	Incident Manager	QLDB	WorkLink
CloudWatch Alarms	EC2 Image Builder	Inspector	RAM	WorkMail
CloudWatch Application Insights	EKS	IoT		

Select your use case

Personalize
Allows Amazon Personalize to call AWS services on your behalf.

* Required Cancel Next: Permissions



In the 'Attach Permission Policies' section, type AmazonS3FullAccess into the 'Filter Policies' search field. Check the box next to AmazonS3FullAccess in the results.

Create role 1 2 3 4

▼ Attach permissions policies

Choose one or more policies to attach to your new role.

Create policy ↻

Filter policies ▼ Showing 1 result

	Policy name ▼	Used as
<input checked="" type="checkbox"/>	AmazonS3FullAccess	Permissions policy (6)

Next, type AmazonPersonalizeFullAccess into the 'Filter Policies' search field. Check the box next to AmazonPersonalizeFullAccess in the results.

Create role 1 2 3 4

▼ Attach permissions policies

Choose one or more policies to attach to your new role.

Create policy ↻

Filter policies ▼ Showing 1 result

	Policy name ▼	Used as
<input checked="" type="checkbox"/>	AmazonPersonalizeFullAccess	Permissions policy (5)

At the bottom of the section page, click the 'Next: Tags' button. The next section is the 'Add Tags' section. You don't need to do anything here. Just click 'Next:Review' at the bottom of the page.

In the Review section, type 'personalize_full_access' into the 'Role Name' field. It's important that you use this name because the module looks for this role name when creating your Personalize data.

Create role



Review



Provide the required information below and review this role before you create it.

Role name*
Use alphanumeric and '+=, @-.' characters. Maximum 64 characters.

Role description

Maximum 1000 characters. Use alphanumeric and '+=, @-.' characters.

Trusted entities AWS service: personalize.amazonaws.com

Policies  [AmazonS3FullAccess](#)  [AmazonPersonalizeFullAccess](#)

Permissions boundary Permissions boundary is not set

No tags were added.

Click the 'Create Role' button at the bottom of the page. The role is created and ready for Amazon Personalize to create your campaign!

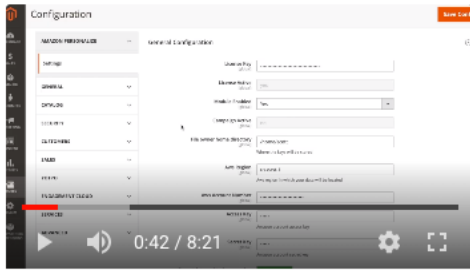
Step 3. Extension Configuration:

Once the extension installation process is complete, you'll be able to see the Amazon Personalize extension in your Magento admin area.

It will be under: **Stores --> Configuration --> Amazon Personalize**

[Watch Configuration Video on YouTube >>](#)

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PARADIGM**
customer centric media



Step 3A. Enter Configuration Details:

On the configuration page, you will be able to add in all of the options that tie your Magento site into the Amazon Personalize system.

License Key:

This is the license key that you received for the extension. If you do not have one, please contact Customer Paradigm at keys@customerparadigm.com or visit here:

<https://customerparadigm.com/keys/>

You can request a 15 day free trial, but if you need more time for a test or staging server, please let us know.

License Active:

If your license is active, then this will display in the field. If the license is not activated, please add in a valid access key.

Module Enabled:

You can enable or disable the module from the admin area. This is helpful if you need to troubleshoot a site, or if you have a copy of the site on a test server. If you wish to disable it, select "No. Otherwise, set this to "Yes."



General Configuration

License Key [global]
License Active [global]	yes
Module Enabled [global]	Yes ▼
Campaign Active [global]	yes
File owner home directory [global]	/home/demo/
	Where the keys will be stored
Aws Region [global]	us-east-1
	Aws region in which your data will be located
Aws Account Number [global]
Access Key [global]
	Amazon account access key
Secret Key [global]
	Amazon account secret key

Campaign Active:

If your campaign is active in Amazon Personalize, you will see a "Yes". This is a read-only display; this is not something you can change to turn on or off the campaign.

File owner home directory:

Amazon's security requirements mandate that your AWS credentials not be stored in the Magento database. Instead, your keys need to be stored in a file directory outside the web root. This is usually up a level or two from where your Magento site is stored in your file system.

AWS Region:

Please enter the region code for the AWS Region where you would like the extension to access Amazon Personalize. Since Amazon Personalize may not be available in all regions, be sure to



enter a region code for a region where [Amazon Personalize is available](#) and that is located geographically closest to your Magento server's physical location.

AWS Account Number:

Please enter in your AWS account # (from step 2B, above)

Access Key:

This is the access key ID for the user that you created in Step 2G (above).

Secret Key:

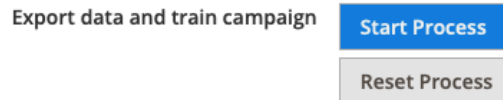
This is the secret key ID for the user that you created in Step 2G (above).

Step 3B. Save Config.

Once the credentials have been entered, click "Save Config" at the top of the page. This will save the access information, and write the Access Key and Secret key to a file outside the web root.

Step 3C. Start Process.

Click "Start Process" to begin the process of training. Please make sure that your Magento cron is running. If it's not running, it is highly likely that the process will not move from one step to the next.



This process will begin by:

- Exporting historical data from your Magento site into files.
- Creating a private S3 bucket in your AWS account to CSV files.
- Uploading the CSV files to the S3 bucket in your AWS account.
- Instructing Amazon Personalize to create a custom solution and campaign based on your data. The result be a private machine learning model hosted in your account.

In Progress	Create Csv Files	CSV
✔	Create S3 Bucket	stage
✔	Upload Csv Files	
⚙	Create Schemas	
⋮	Create Dataset Group	
⋮	Create Datasets	
⋮	Create Import Jobs (long process)	will
⋮	Create Solution	AWS
⋮	Create Solution Version (long process)	
⋮	Create Campaign	
⋮	Create Event Tracker	



You can restart the process at any time by clicking "**Reset Process.**"

This process will start at the beginning, and may incur additional data upload and training costs.

Step 3D. A/B Split Testing.

In order to evaluate the effectiveness of the Amazon Personalize campaign created above on your Magento store, we built in an A/B split testing system. A/B testing allows you to expose two subsets of your users to two variations of a user experience on your site and measure which variation results in the highest conversion rate.

Control is default Magento; Test is personalized recommendations from your Amazon Personalize campaign.

In order for the system to be active, please make sure that Enabled is set to "Yes."

A/B Split Testing ⌵

In order to evaluate the effectiveness of the Amazon Personalize System on your Magento store, we've built in an A/B split testing system.

Control is default Magento; Test is the Amazon Personalize system.

Please select from the following A/B Split test options:

Enabled <small>[global]</small>	<input type="text" value="Yes"/>	▼
Set Percentage <small>[global]</small>	<input type="text" value="0% Control / 100% test (Amazon Personali"/>	▼

If enabled is set to "No" then Magento will not use the extension.

Next, select from the following A/B Split test options:

- 0% Control / 100% test (Amazon Personalize is used 100% of the time)
- 10% Control / 90% test (Amazon Personalize is used 90% of the time)
- 25% Control / 75% test (Amazon Personalize is used 75% of the time)
- 50% Control / 50% test (Amazon Personalize is used 50% of the time)
- 75% Control / 25% test (Amazon Personalize is used 25% of the time)
- 100% Control / 0% test (Amazon Personalize is NOT used at all)



Please select from the following A/B Split test options:

Enabled <small>[global]</small>	100% Control / 0% test (Default Magento is used 100% of the time)
	75% Control / 25% test
	50% Control / 50% test (50% of users will see Amazon Personalize / 50% will see default Magento)
	25% Control / 75% test
	10% Control / 90% test
Set Percentage <small>[global]</small>	<input checked="" type="checkbox"/> 0% Control / 100% test (Amazon Personalize is used 100% of the time)

Click "Save Config" to save the settings:

Save Config

Step 4. Allow Amazon Personalize to Train

Depending on the amount of historical data in your Magento system, this process can take a few hours to complete. Once you've completed this process the first time, you can retrain new versions of the model while continuing to use the active campaign to provide product recommendations.

In order to contain costs and create the most relevant data set for your site, we've limited historical data to the previous six months of time. (Interaction data older than six months provides less value in making relevant product recommendations.)

- Export data and train campaign In Progress
- Create S3 Bucket
 - Upload Csv Files
 - Create Schemas
 - Create Dataset Group
 - Create Datasets
 - Create Import Jobs
 - Create Solution
 - Create Solution Version
 - Create Campaign
 - Create Event Tracker



Step 5. Adding Widget to Site

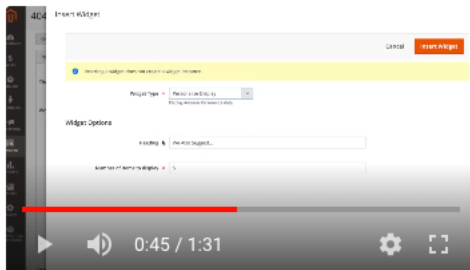
Once the Amazon Personalize system is enabled, the system will automatically:

- Add in a "We also suggest" list of recommended products to your product page
- Add in a Google Analytics tag for any order that was placed on the site when Amazon Personalize was active. This will use the existing Google Analytics system.
- Add in a field to the Magento database that indicates if an order was placed when Amazon Personalize was active.
- Adds in real-time data interaction indicators - allowing the Amazon Personalize system to learn from users when they add a product to their cart, wishlist or complete a purchase.

Step 5a. Adding Amazon Personalize to Additional Pages.

If you'd like to add the widget to a CMS page, it's quick, fast and easy.

[Watch Video – Adding Widget to CMS Page >>](#)



Go to **Content** --> **Pages** --> **Select a Page**

In this case, we'll add the widget to the 404 page. Because why not give users a set of personalized recommendations when they visit an error page?

					VIEWS				
<input type="checkbox"/>	1	404 Not Found	no-route	2 columns with right bar	All Store Views	Enabled	Apr 28, 2017 7:12:17 AM	May 15, 2020 5:28:10 PM	Select ▾

Click **Select** --> **Edit**

On the next page, select **Content**



Page Title * 404 Not Found

Content



Content Heading Whoops, our bad...

Show / Hide Editor

Insert Widget...

Insert Image...

Insert Variable...

```

<dl>
<dt>The page you requested was not found, and we have a fine guess why.</dt>
<dd>
<ul class="disc">
<li>If you typed the URL directly, please make sure the spelling is correct.</li>
<li>If you clicked on a link to get here, the link is outdated.</li>
</ul></dd>
</dl>
{{widget type="CustomerParadigm\AmazonPersonalize\Block\Widget\Display" heading="Amazon Personalize - We Also Suggest..." count="5"
type_name="Personalize Display"}}
<dl>
<dt>What can you do?</dt>
<dd>Have no fear, help is near! There are many ways you can get back on track with Magento Store.</dd>
<dd>
<ul class="disc">
<li><a href="#" onclick="history.go(-1); return false;">Go back</a> to the previous page.</li>
<li>Use the search bar at the top of the page to search for your products.</li>
<li>Follow these links to get you back on track!<br /><a href="{store url=""}">Store Home</a> <span class="separator"> | </span> <a href="{store
url="customer/account"}">My Account</a></li></ul></dd></dl>

```

Place the mouse in the editor where you want the widget to be located

Click **"Insert Widget"**.



Insert Widget



Cancel

i Inserting a widget does not create a widget instance.

Widget Type *
Display Amazon Personalize data

Widget Options

Heading *

Number of items to display *

Select "**Personalize Display**" from the menu for Widget Type.

For the Heading, you can enter in "We Also Suggest..." Or "Other people were also interested in these products" or "Our AI overlords think you might like these products"

Cal... Insert Widget

i Inserting a widget does not create a widget instance.

Widget Type *
Display Amazon Personalize data

Widget Options

Heading *

Number of items to display *



Select the number of items to display (by default, it's 5)

Click "**Insert Widget**"

And then "Save" the page.

This is a code snippet of the widget:

```
{{widget type="CustomerParadigm\AmazonPersonalize\Block\Widget\Display" heading="Our Artificial Intelligence System Recommends:" count="6"}}
```

You will likely need to rebuild the cache on the site

System --> Cache Management

Refresh any caches that are invalid.

Troubleshooting



1. I've installed the extension, but it's not showing up on the site.

The most common issue is that the system has been installed, but it's not enabled.

In the A/B Split testing system, please make sure that the extension is both enabled, and that the system is set to display 100% of the time:

A/B Split Testing ⌵

In order to evaluate the effectiveness of the Amazon Personalize System on your Magento store, we've built in an A/B split testing system.

Control is default Magento; Test is the Amazon Personalize system.

Please select from the following A/B Split test options:

Enabled [global]	Yes	▼
Set Percentage [global]	0% Control / 100% test (Amazon Personali	▼

If you have the extension only displaying 50% of the time (50% Control / 50% test), then you may need to load the site in multiple browsers in order for you to see the personalized recommendations.

For troubleshooting and tracking purposes, the system will display a Google Analytics tag in the HTML code for each page. (Note: you must have Google Analytics installed on the site for this to work).

A search on "personalize" will bring up a GA tag that will either be "personalize" or "control."

2. Export/training process seems stuck

If the export and/or training process seems stuck, first, ensure the Magento cron is configured. Most likely you'll receive a warning in your Magento admin that the cron is not set properly.

If the cron isn't set (such as on a development site), you can manually hit the cron, and if the system is ready, it will proceed to the next step.



Export data and train campaign

In Progress

- ✔ Create Csv Files
- ✔ Create S3 Bucket
- ✔ Upload Csv Files
- ⌚ Create Schemas
- ⋮ Create Dataset Group
- ⋮ Create Datasets
- ⋮ Create Import Jobs (long process)
- ⋮ Create Solution
- ⋮ Create Solution Version (long process)
- ⋮ Create Campaign
- ⋮ Create Event Tracker

Reset Process

A spinning wheel will indicate that the system is still working on the current step.

Please note that these items can take a long time to process within the Amazon system. Sometimes in excess of 4-6 hours:

- ⋮ Create Import Jobs (long process)
- ⋮ Create Solution
- ⋮ Create Solution Version (long process)

Finally, if you need to reset the process, press the “Reset Process” button. This will start at the beginning of the process and will export CSV files and create a new solution.

Reset Process

3. Error in CSV File File Creation:

If you see an error during the training process, error in Step Create CSV files, the most common error is that the directory is not writeable. Please ensure that the web user (www-data, for example), has the ability to create and write to a directory like this:

`/var/export/amazonpersonalize/`














Export data and train campaign

Processing Error

Error in step Create Csv Files

Directory `"/dev-home/scott/public_html/installtest/var/export/amazonpersonalize"`

-  Create Csv Files
-  Create S3 Bucket
-  Upload Csv Files
-  Create Schemas
-  Create Dataset Group
-  Create Datasets
-  Create Import Jobs (long process)
-  Create Solution
-  Create Solution Version (long process)
-  Create Campaign
-  Create Event Tracker

Reset Process

4. The system worked great for a while, but now is not as helpful for end customers.

It might be time to retrain the system.

If you're adding and removing a lot of items to your catalog, but the system was trained on older products, then it's probably time to retrain.

Click on "Reset Process":

Reset Process

Note: retraining will involve additional Amazon Personalize processing costs.

5. Can I hire someone to help?

Yes, contact Customer Paradigm for project based or hourly support. If you need the system installed, configured or customized, we're here to help. Call 303.473.4400 or visit <https://www.CustomerParadigm.com/>