Update a Product Catalog Dataset

If you need to add or update rows in a product catalog dataset, you can perform a partial update through the Data API, via SFTP, or by using the Upload Data wizard in the platform.

If you need to add columns, also called attributes or fields, to a product catalog dataset, you *cannot* use the Upload Data wizard nor use SFTP for this type of update. You must use the Data API or the Add Attribute modal accessible from the **Attributes** tab of the dataset's details page.

> ⚠️ You cannot use the Upload Data wizard to add attributes to a product catalog dataset. Regardless of which upload method you select (manual or Amazon S3 URL), the update will fail because the file contains attributes not included in the dataset's existing schema. You can only use the wizard to remove attributes.

> ℹ️ The Add Attribute modal is only available to clients with the one-click **DATASETS** option in the Monetate platform's top navigation bar. If you click **DATASETS** and have **Product Data** and **Customer Data** menu options, then the Add Attribute modal isn't available in your account and thus you must use the Data API.

See Update a Product Catalog via the Data API for the steps to use that method. See Adding Attributes in this documentation for the steps to use the Add Attribute modal.

Updating or Adding Rows

When using the Upload Data wizard to add or update rows in a product catalog dataset, you can either drag and drop a file directly into the wizard, or you can input a URL to a dataset file that you store on Amazon S3. Regardless of which of these two upload options you select, the file that you use must be in the CSV or TSV format.

Uploading a File Directly

Follow these steps to add rows to or update existing rows in a product catalog by uploading a dataset file directly to the Monetate platform.

1. Click **DATASETS** in the top navigation bar, and then, if necessary, select **Product Data**.
2. Find the product catalog dataset that you want to update on the Product Catalogs view of the Datasets list page, click the upload icon for its entry, and then select **Data File Upload**.

Datasets

Product Catalogs

DEFAULT CATALOG ASSIGNMENTS   ⊕ **CREATE DATASET**

View:	**PRODUCT CATALOGS** ▾			ck ✕
NAME	**UNIQUE ID**	**CONNECTED DOMAINS**	**LAST UPDATED**	**UPLOAD**
CK_Products PRODUCT CATALOG	id	1 Connected domains	✓ 16 DAYS AGO	📤

UPLOAD DATA:

API Info

SFTP Info

Data File Upload

3. Select **Partial Update** and then click **NEXT**.

Upload Data to Mens_Footware_Holidays ✕

1 **Partial or Full Update?** EDITING

Would you like to only update select rows or replace the entire dataset?

✓ **Partial Update**
To add or update select rows

○ **Full Update**
To replace the entire dataset

NEXT ⬅

2 Manual File Upload or Pre-signed S3 URL?

4. Select **Manual File Upload** and then click **NEXT**.

Upload Data to Mens_Footware_Holidays ✕

✓ **Partial or Full Update?** EDIT

✓ **Partial Update**
To add or update select rows

2 **Manual File Upload or Pre-signed S3 URL?** EDITING

How would you like to update the dataset?

✓ **Manual File Upload**
Upload using a local file

○ **Upload File Using Pre-signed S3 URL**
Upload a file using your pre-signed S3 URL

BACK   NEXT

3 **Upload Your File or Paste Your Pre-signed S3 URL**

5. Drag and drop the file that you want to upload into the wizard.

Monetate ingests the file and closes the Upload Data wizard. When the product catalog's details page loads, a message briefly appears that informs you that the file was successfully uploaded. Additionally, PENDING appears as the status while the update is in progress, and another message below **ADD ATTRIBUTE** reinformces the pending status.

If the file failed to upload or Monetate encountered other errors, you see messages indicating the problem. See Failed Updates in this documentation for more information.

Uploading a File Using an Amazon S3 URL

Follow these steps to add rows to or update existing rows in a product catalog by uploading a dataset file using an Amazon S3 pre-signed URL.

1. Generate the pre-signed URL for the file you want to upload.

   > ℹ️ Refer to Sharing objects using presigned URLs in the Amazon Simple Storage Service (S3) user documentation for more information about generating a URL for this purpose.

2. Click **DATASETS** in the top navigation bar, and then, if necessary, select **Product Data**.
3. Find the product catalog dataset that you want to update on the Product Catalogs view of the Datasets list page, click the upload icon for its entry, and then select **Data File Upload**.

4. Select **Partial Update** and then click **NEXT**.

5. Select **Upload File Using Pre-signed S3 URL** and then click **NEXT**.

Upload Data to Mens_Footware_Holidays ✕

Partial or Full Update? EDIT

✓ **Partial Update**
To add or update select rows

2 Manual File Upload or Pre-signed S3 URL? EDITING

How would you like to update the dataset?

○ **Manual File Upload**
Upload using a local file

✓ **Upload File Using Pre-signed S3 URL**
Upload a file using your pre-signed S3 URL

BACK   NEXT

3 Upload Your File or Paste Your Pre-signed S3 URL

6. Paste the Amazon S3 URL into the field, and then click **FINISH**.

The Upload Data wizard closes and Monetate ingests the file. When the product catalog's details page loads, a message briefly appears that informs you that the file was successfully uploaded from the Amazon S3 URL. Additionally, PENDING appears where the timeframe of the last update normally appears since the update is in progress.

If the file failed to upload or the platform encountered other errors, you see messages indicating the problem. See Failed Updates in this documentation for more information.

Monetate retains dataset files for 180 days from the date it was uploaded. During this time you can download files successfully uploaded to the platform as well as files that resulted in one or more upload errors from a product catalog's **Update History** tab. Once a file is out of this retention period, it still appears on the **Update History** tab of the dataset's details page, but you cannot

> download it.

Adding Attributes

To add one or multiple attributes, also called columns or fields, to a product catalog dataset send a full file update using the Data API. See Update a Product Catalog via the Data API for information about using that update option.

If no menu options appear when you click **DATASETS** in the platform's top navigation bar, then you also can use the Add Attribute modal that's accessible from the dataset's details page to perform this type of update.

Using the Add Attribute Modal

Follow these steps to add attributes to a product catalog dataset's schema without uploading a file.

1. Click **DATASETS** in the top navigation bar.
2. Click the name of the product catalog dataset that you want to update with additional attributes, and then, if necessary, click the **Attributes** tab of the dataset's details page.
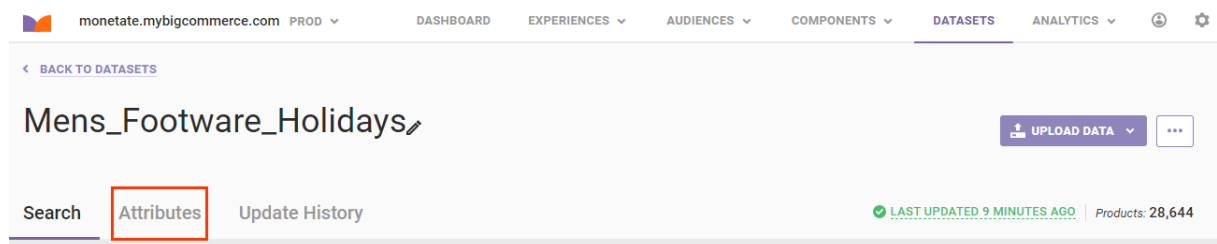
3. Click **ADD ATTRIBUTE**.
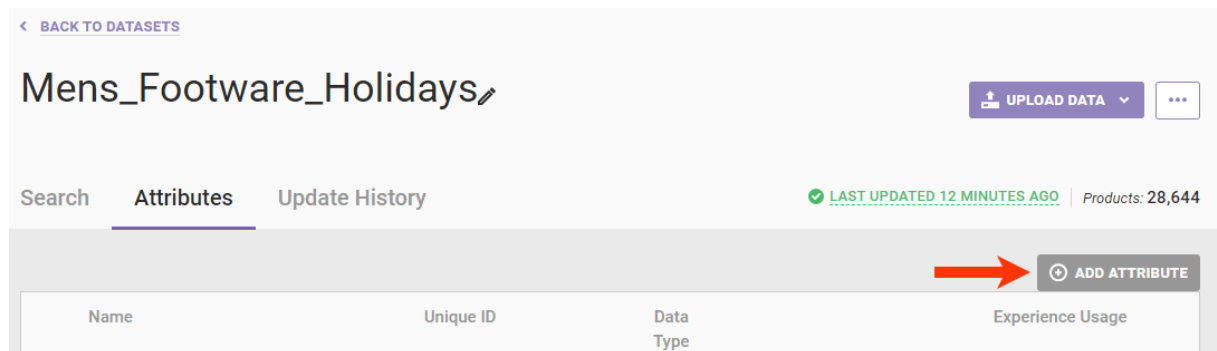
4. Type the new attribute's name into **ATTRIBUTE NAME**.

> ℹ️ Attribute names must begin with a letter and contain only letters, numbers, and underscores.

5. Select the new attribute's data type from **ATTRIBUTE TYPE**.

> ⚠ If an attribute has the wrong data type associated with it, then the data cannot be processed correctly when you use the dataset within the platform.

6. If necessary, click **ADD ATTRIBUTE** to generate another set of fields for another attribute, and then repeat steps 4 and 5 for the additional new attribute.

7. Click **SAVE**.

The new attributes appear at the bottom of the table. There is no indication the new attributes have no data associated with them.

Because the attribute now exists within the product catalog dataset schema in the platform, you can perform a partial update with a file that contains values for the new attributes.

Failed Updates

If the platform encounters an error with an update, you see UPDATE FAILED in multiple places within the platform:

- In the LAST UPDATED column for the product catalog's entry on the Product Catalogs view of the Datasets list page

- In place of the last update's timeframe on the product catalog's details page

In the UPLOAD DATE column of the Update History table, the exact date and time of the failed update appears in red.

Click that text to view the File Upload Error modal, which contains a brief description of all errors that prevented the platform from performing the update.

File Upload Errors ✕

- **This field is required and may not be null: image_link** (line 14, 26 - 27)

- **This field is required and may not be null: description** (line 9, 14, 17, 22, 63 - 64)

Please update your file and try again, or contact support@monetate.com if the problem persists.

CLOSE

Refer to Common Product Catalog Validation Errors for more information about specific errors and how to correct them.