

Create a Product Catalog Dataset Schema

The first step of uploading a new product catalog to Monetate is creating a product catalog schema. A schema is the organization or structure of the data in the product catalog and must be present in the platform before you send a full catalog file. It can consist of two or three lines of sample data and does not need to be a full product catalog file.

Follow these steps to create a product catalog schema.

1. Click **DATASETS** in the top navigation bar, and then, if necessary, select **Product Data**.
2. Click **CREATE DATASET**.



3. Select **Product Catalog** and then click **NEXT**.


Create Dataset Schema





Select the dataset's schema type, then follow the steps to name and configure the dataset according to the requirements of that type. You'll have options to later upload files via API, SFTP, or manual upload.


1 Dataset Type EDITING

Select a Dataset type.

Product Catalog 

Recommendation 

Customer Attribute 

Custom List 

NEXT




2 Dataset Name

4. Name the product catalog and then click **NEXT**.



The name must begin with a letter and can contain only letters, numbers, and underscores.

Dataset Type EDIT

Product Catalog 

2 Dataset Name EDITING

Mens_Footwear_Holidays

BACK NEXT

3 Validate Data Structure

4 Confirm Attributes & Save Dataset



5. Drag and drop the file into the upload area, and then wait for the platform to validate the data.



The file must be in the CSV or TSV format. All the attributes required by the product catalog specification must appear in the file header, with the attribute name matching the exact spelling and case. Each row must include a value for each required attribute. Optional attributes that you don't want to include can remain blank. See the [product catalog specification](#) for more information.

- If no errors are detected, then click **NEXT**.

The screenshot shows a multi-step configuration interface. The first step, 'Dataset Type', is completed with 'Product Catalog' selected. The second step, 'Dataset Name', has 'Mens_Footware_Holidays' entered. The third step, 'Validate Data Structure', is the active step. It contains a green message box stating 'Looks good. Ready to upload! Your file can be imported into the Monetate product feed spec.' Below this is a note: 'Note: All of the attributes in the Monetate product catalog feed spec must appear in your file header or data sent via the API with the attribute name matching the exact spelling and case. Each product must include all of the required attributes. Optional attributes that you do not wish to include can remain blank.' At the bottom of this step are 'BACK' and 'NEXT' buttons, with a red arrow pointing to the 'NEXT' button. The fourth step, 'Confirm Attributes & Save Dataset', is partially visible at the bottom.

- If the file is missing information, an error message appears stating what data is missing. Revise the file, click **RE-UPLOAD**, and then drag and drop the revised file into the upload area.

✓ **Dataset Type** [EDIT](#)

✓ **Dataset Name** [EDIT](#)

3 **Validate Data Structure** [EDITING](#)

Monetate uses a modified Google product feed. For help on how to set up your file, you can review the product catalog schema on our knowledge base. Upload a sample of your data file below so we can validate your schema and identify any custom attributes.

Whoops! There was an error processing your file.

Missing required fields: item_group_id

Please try again or contact support@monetate.com if the problem persists.

RE-UPLOAD


Note: All of the attributes in the Monetate product catalog feed spec must appear in your file header or data sent via the API with the attribute name matching the exact spelling and case. Each product must include all of the required attributes. Optional attributes that you do not wish to include can remain blank.

BACK **NEXT**

4 **Confirm Attributes & Save Dataset**

6. Confirm that any custom attribute that you included in the file appears in the table and that the data type selected is correct, and then click **CONFIRM AND CREATE**.

✓ Dataset Type [EDIT](#)

✓ Product Catalog 

✓ Dataset Name [EDIT](#)

Mens_Footwear_Holidays


✓ Validate Data Structure [EDIT](#)

✓ Feed Spec Looks Good

4 Confirm Attributes & Save Dataset [EDITING](#)

We found some custom attributes in your sample file. Please confirm that you'd like to include these attributes and make sure the correct data type has been set for each.

ATTRIBUTE NAME	SAMPLE DATA	DATA TYPE
best_for		STRING
review_count	0	NUMBER
review_rating	0	NUMBER
sku_display_size	39 1/3	STRING
sports	Basketball,Lifestyle	STRING
sub_brand	Performance	STRING

[BACK](#) [✓ CONFIRM AND CREATE](#) 

Once the product schema and catalog upload to the platform, the new product catalog's details page loads. The **PENDING** status appears to the right of the detail page's tabs table until the platform finishes processing the dataset.

< BACK TO DATASETS

Mens_Footware_Holidays

SEARCH ATTRIBUTES **Update History** ➔ PENDING | Products: -

Heads up! Updates that you make via the API are not reflected on this page. Check the API logs in your system for the API update records.

Current Updates

UPLOAD DATE	FILENAME	SOURCE	USER	UPDATE TYPE	ROW COUNT
PENDING	Mens_Footware_Holidays.csv	WIZARD	swalken@monetate.com	Initial Upload	--

Once processing is complete, the status changes to show how much time has elapsed since the product catalog was updated. In the UPLOAD DATE column of the Update History table appears the exact date and time.

< BACK TO DATASETS

Mens_Footware_Holidays

SEARCH ATTRIBUTES **Update History** ➔ LAST UPDATED 12 MINUTES AGO | Products: 11

Heads up! Updates that you make via the API are not reflected on this page. Check the API logs in your system for the API update records.

Update History

UPLOAD DATE	FILENAME	SOURCE	USER	UPDATE TYPE	ROW COUNT
✓ FEB 9 2024, 11:12 AM	Mens_Footware_Holidays.csv	WIZARD	swalken@monetate.com	Initial Upload	14

The number of rows in the processed file also now appears in the table. The number of products in the dataset appears next to the status.

When you need to modify the product catalog, you can upload full or partial updates using one of these three methods:

- Manual upload
- SFTP update
- API update

You can download a file from a product catalog's **Update History** tab. You can download files successfully uploaded to the platform as well as files that resulted in one or more upload errors.



Monetate retains dataset files for 180 days from the date it was uploaded. Once a file is out of this retention period, it still appears on the dataset's **Update History** tab, but you cannot download it.

If a file is available for download, its filename appears in purple in the Update History table.

[← BACK TO DATASETS](#)

CK_Products

UPLOAD DATA



Search Attributes **Update History**

✓ LAST UPDATED 4 DAYS AGO | Products: 29

Heads up! Updates that you make via the API are not reflected on this page. Check the API logs in your system for the API update records.

Update History

UPLOAD DATE	FILENAME	SOURCE	USER	UPDATE TYPE	ROW COUNT
✓ FEB 5 2024, 3:05 AM	ProductCatalog_NewItems.csv	WIZARD	swalken@monetate.com	Partial	18
✓ JAN 2 2024, 10:15 AM	ProductCatalog.csv	WIZARD	swalken@monetate.com	Full	14
✓ MAY 23 2023, 1:15 PM	ProductCatalog.csv	WIZARD	swalken@monetate.com	Full	14

Click the filename and then save it to a location on your computer.