

Shopify Import Integration

You can use the data connector for Shopify and directly import data from your Shopify to Treasure Data.

For sample workflows on how to import data from Shopify, view [Treasure Boxes](#).

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Prerequisites

- Basic knowledge of Treasure Data
- Basic knowledge of Shopify

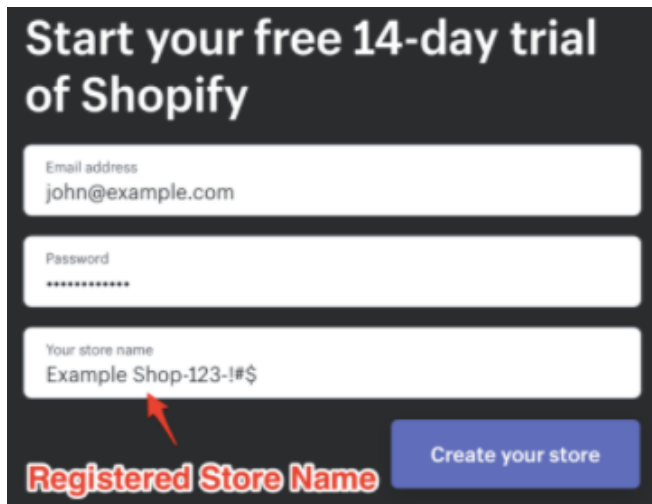
Obtain Shopify Credentials

To get Shopify Credentials, complete the following steps:

1. Sign up at <https://www.shopify.com/> to create an online store for the user.
2. Enter the details about the user.
3. Enter additional details about business.
4. Create a private app.
5. The user can see and use the API credentials to store and to connect with different external applications.

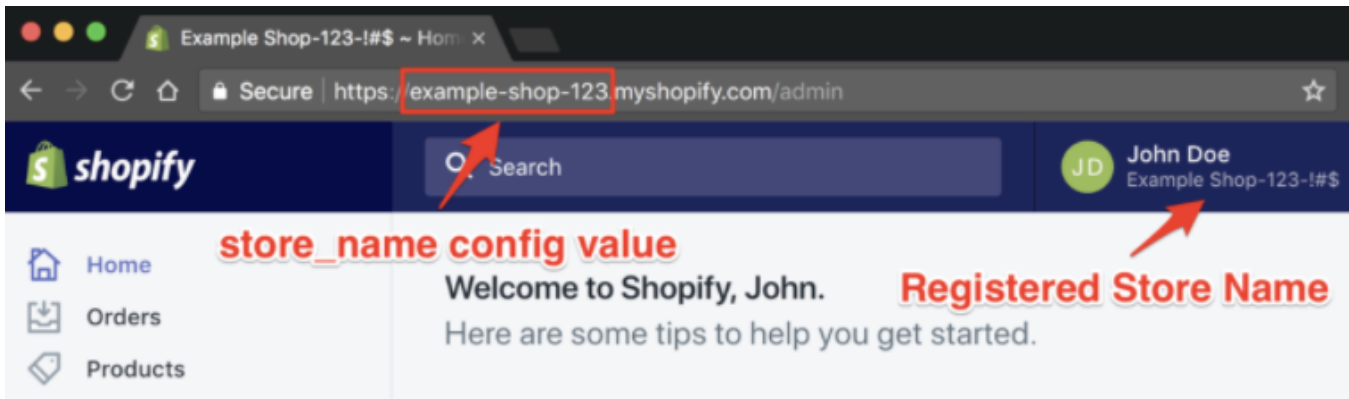
store_name Configuration

Shopify translates your free-form Store Name into URL-friendly value. For example, it truncates special characters and replaces spaces with hyphens. For example: Example Shop-123-!#\$ becomes example-shop-123:



The image shows a screenshot of the Shopify sign-up form. The form has three input fields: 'Email address' with the value 'john@example.com', 'Password' with masked characters, and 'Your store name' with the value 'Example Shop-123-!#\$'. A red arrow points to the 'Your store name' field. Below the form, there is a blue button labeled 'Create your store' and a red text label 'Registered Store Name'.

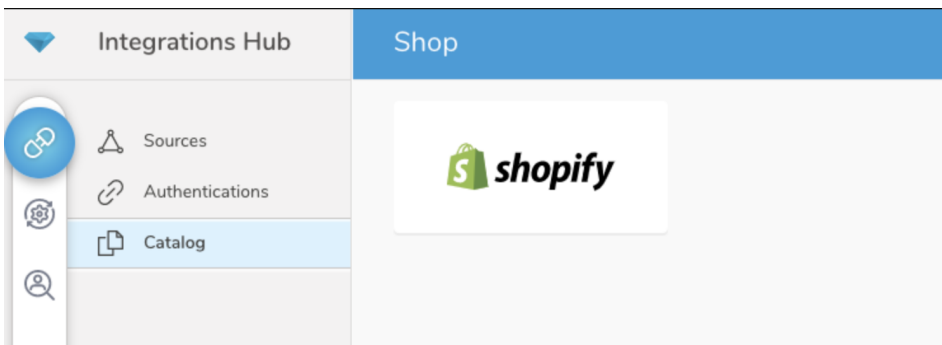
You need to use the translated value (in Admin URL, after signing in):



Use the TD Console to Create Your Connection

Create a New Connection

1. Go to **Integrations Hub** > **Catalog** and search and select Shopify.
2. Select **Create**. You are creating an authenticated connection.



The following dialog opens.

New Authentication

Shopify

1 Credentials > 2 Details

API Key

Password

Store name

Could be either store url e.g. <https://example.myshopify.com> or store name e.g. example

[Learn more](#) [Continue](#)

- Complete the required fields and then select **Continue**.
- Name your new Shopify connection. Select **Done**.

Transfer Your Data to Treasure Data

After creating the authenticated connection, you are automatically taken to the Authentications tab.

Create Source
Using hieu_td_shopify

1 Connection	Source:	metafields
2 Source Table		Shopify object for which data needs to be fetched from store
3 Data Settings	Resource:	product
4 Data Preview	Objects:	product
5 Data Placement	Product ID (optional):	(array of comma-separated IDs)
	Date type:	created_at
	Start date:	mm/dd/yyyy, --:-- --
		Export data from this time.
	Use precise 'End date':	<input type="checkbox"/> By checking this, you can specify precise 'End date' value, otherwise, it'd be 'day(s)' duration
	Number of days to fetch:	1

- Look for the connection you created and select **New Source**. Edit the following fields.

Field	Description
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Source	<p>The type of object that you want to transfer from Shopify such as products, customers, transactions, orders, inventory, and metafields. The following list identifies supported elements:</p> <ul style="list-style-type: none"> • Objects <ul style="list-style-type: none"> • inventory level • inventory_items • location • Order status <ul style="list-style-type: none"> • open • closed • canceled • any • Metafields resource <ul style="list-style-type: none"> • product • customer • order • online_store • shop • Product resource objects <ul style="list-style-type: none"> • product • product_variant • product_image • collection • Order resource objects <ul style="list-style-type: none"> • order • draft_order • Online_store resource objects <ul style="list-style-type: none"> • blog • article • page
Incremental	Load data into Treasure Data incrementally. This selection enables the Incremental field.
Incremental field	The data field used to sort the objects. There are two options: created_at and updated_at.
Data type	The data field used to sort the metadata objects. There are two options: created_at and updated_at.
Start date	<p>Defining the 'start_date' allows you to select only objects that have been created or updated since the 'start_date'. This field is dependent on the Incremental field.</p> <p>When incremental is set to false, created_at is considered the Start date target when you import from products, customers, transactions, orders object</p>
Use precise 'End date'	Specify the End date or leave blank.
Number of days to fetch	Specify how many days, starting from the 'start_date,' that you want to fetch data.
End date	<p>Specify a date by which objects have been updated:</p> <ul style="list-style-type: none"> • If End date is not specified, all the objects up to now are retrieved. • If Start time and End time can be combined to specify a specific period, from 'start_date' until 'end_date'.
Inventory Item IDs	A list of inventory_ids.
Location IDs	A list of location_ids.
Updated at	The time in which 'inventory_level' objects have been updated_at, from a specified time until present.
Fetch all customer's metafields	Download all customer's metafields

2. Preview your data. To make changes, select **Advanced Settings**, otherwise select **Next**.

Edit Source

2_shopify_test

Fetch from > 2 Source Preview > 3 Transfer to > 4 Schedule > 5 Details

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	# id	Ab title	Ab body_html	At
1	8597876364	1 pair of dumbbells	5Kg dumbbells for daily exercise	Mo
2	8598575436	Bottle		Mo
3	8598558412	iPhone 7		Mo
4	8598770892	iPod	<p>It's the small iPod with one very bi	Ap
5	8598552460	Red mug		Mo

3. Select a database and a table where you want to transfer your data.

New Source

Using hieu_td_shopify

Fetch from > Source Preview > 3 Transfer to > 4 Schedule > 5 Details

Database

hieu_test_db

Table

new_shopify

Append: Add records into existing table.

Replace: Clear table before adding records.

Timestamp-based Partition Key

time

Select a column. Columns for user-defined partitions are not supported. See [data partitioning](#).

Date Column Timezone

4. Specify the schedule of the data transfer using the following dialog and select **Next**.

New Source

Using hieu_td_shopify

Fetch from > Source Preview > Transfer to > 4 Schedule > 5 Details

Repeat

Off

On

Scheduling Timezone

Asia/Saigon

Timezone the schedule operates on.

5. Name your source and select **Done**.

New Source

Using hieu_td_shopify

[✔ Fetch from](#) > [✔ Source Preview](#) > [✔ Transfer to](#) > [✔ Schedule](#) > **5 Details**

Name