



Odoo – Shopify Connector App

Odoo- Shopify Connector App

- **Importing From Shopify to odoo**

Import Customers from shopify to odoo

Import Products from shopify to odoo

Import Locations from shopify to odoo

Update stocks – Update the “On Hand Quantity” of the products.

Import Order from shopify to odoo

- **Exporting From Odoo to Shopify**

Export Customers from odoo to shopify

Export Products from odoo to shopify

Export Orders from odoo to shopify

- **Schedulers**

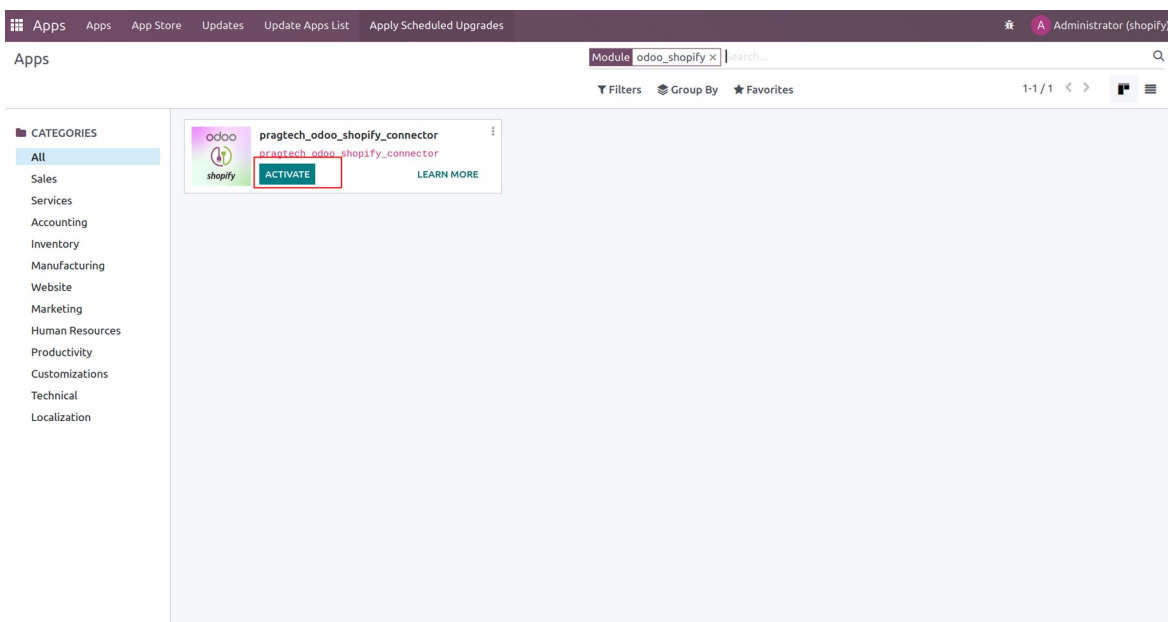
Set automatic cron jobs, which avoid manual operations.

Odoo-Shopify Connector

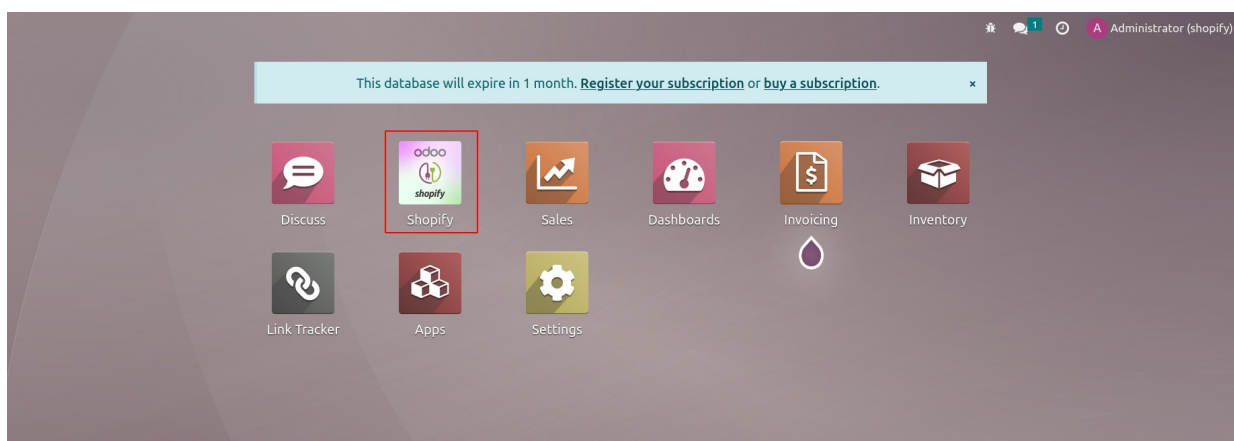
The Shopify Odoo Connector App combines the features of Shopify and Odoo to create an efficient resource management system for your store. It allows you to seamlessly integrate your Shopify Store with Odoo, enabling you to import products, customers, and orders from Shopify to Odoo. Additionally, you can also synchronize from Shopify to Odoo for better management in Odoo.

This module performs importing , exporting , schedulers and webhook functionality

Installation of the module available on the Odoo app store, as depicted in Figure



Once the installation is complete, a menu titled 'Shopify' will become visible on the homepage, as depicted in Figure.



Upon clicking the 'Shopify' menu, the a page will be displayed in a similar to the image shown in Figure .

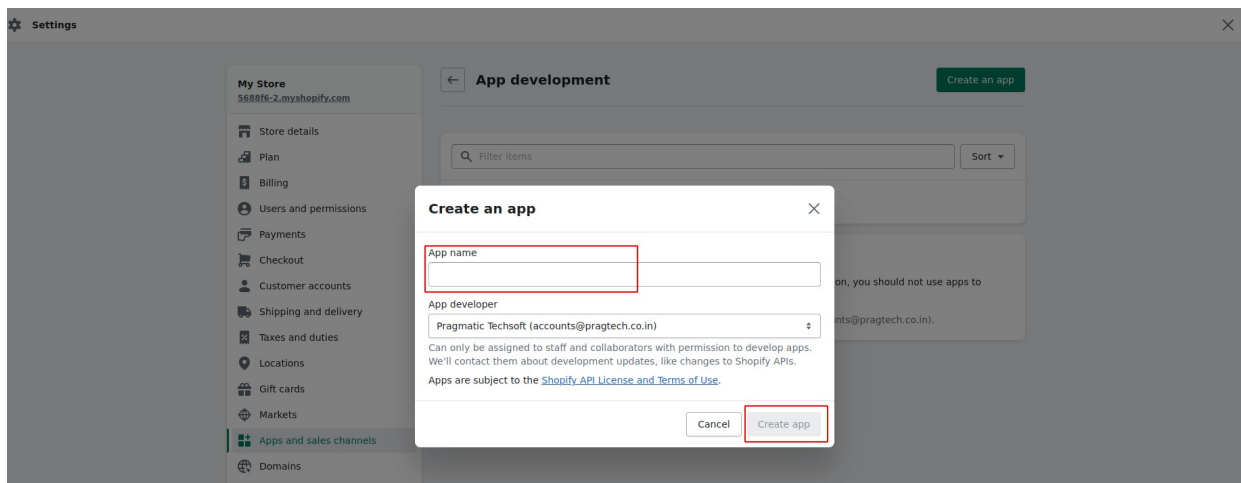
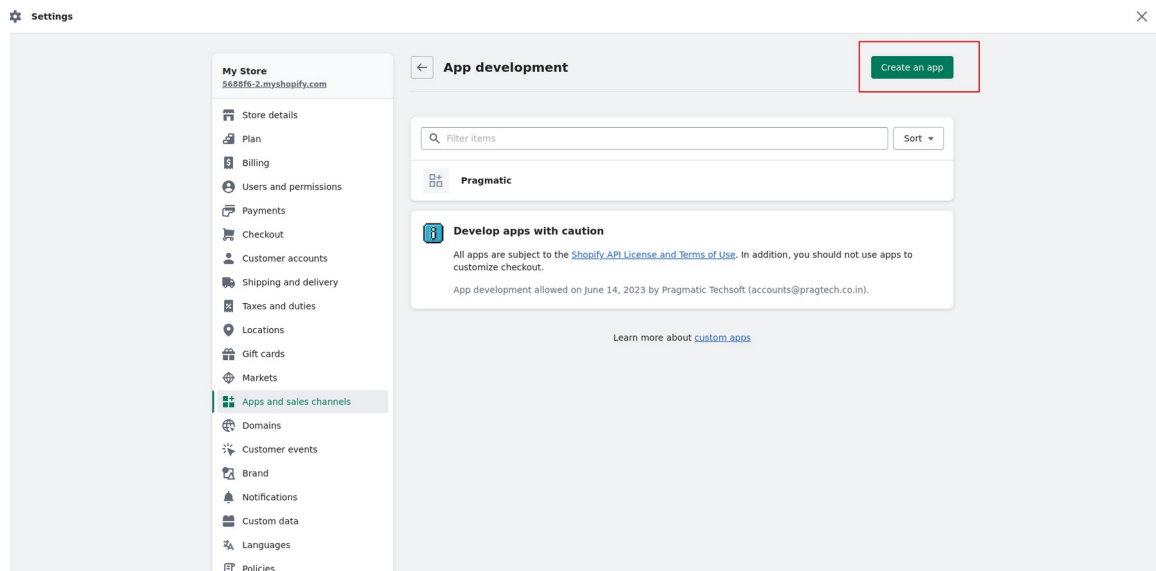
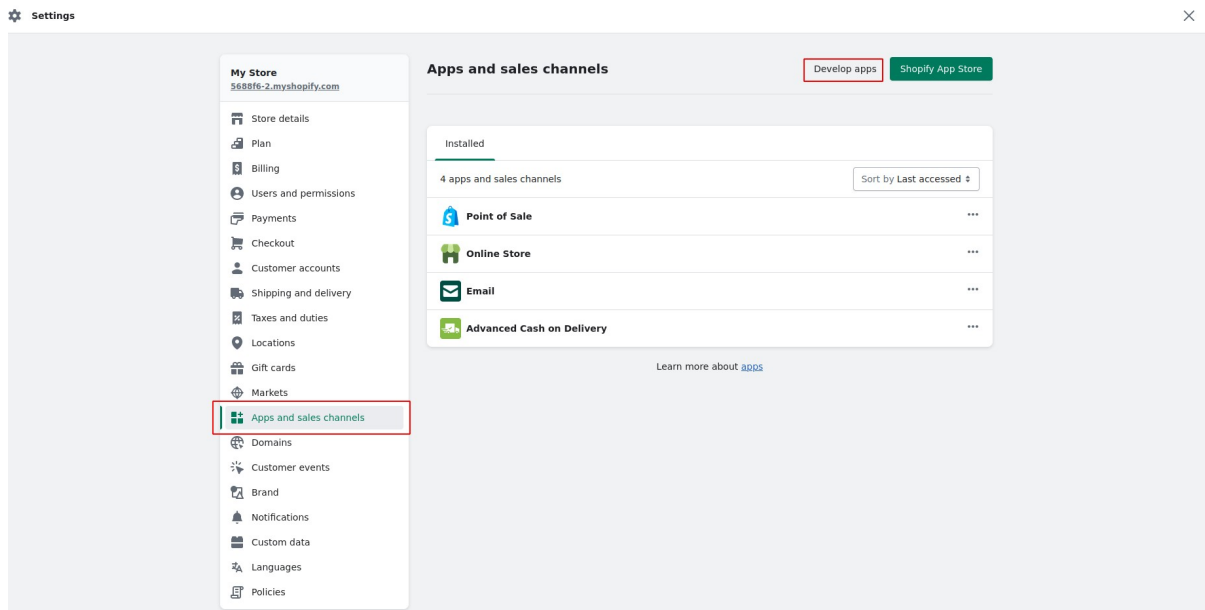
Number	Creation Date	Customer	Salesperson	Activities	Shopify Order Id	Shopify Instance	Is Shopify Order	Total	Status
REF0001	06/20/2023	John Miller	Henry Campbell					44,713.00 €	Cancelled
REF0002	07/09/2023	Wendi Baltz	Henry Campbell					68,620.00 €	Sales Order
REF0003	05/23/2023	Henry Campbell	Thomas Passot					68,658.00 €	Sales Order
REF0004	06/07/2023	Carrie Helle	John Miller					98,445.00 €	Quotation
REF0005	05/31/2023	Thomas Passot	John Miller					52,583.00 €	Quotation
REF0006	06/17/2023	Henry Campbell	Thomas Passot					41,732.00 €	Cancelled
REF0007	07/28/2023	Wendi Baltz	Carrie Helle					23,546.00 €	Quotation

In order to initiate the Shopify operation, it is essential to configure the settings that facilitate the authentication process between Shopify and Odoo.

For authentication purposes, the following information is required: API key, password, shared key, host, and version of Shopify.

You can retrieve them from your Shopify store by following these steps:

1. Log into your Shopify store.
2. Navigate to the "Settings" section.
3. Choose "Develop an App" from the options.
4. Configure the Admin API Scopes by setting the necessary permissions and saving the changes.
5. In the "API Credentials" tab, you will find an option to install the app. Install it to obtain the access_token (shared key). Additionally, the API key and secret key (password) will be listed below.
6. In the "Configuration" tab, you will find the version of Shopify and the host information, as shown in the provided image.



Settings

My Store
5688f6-2.myshopify.com

Store details

Plan

Billing

Users and permissions

Payments

Checkout

Customer accounts

Shipping and delivery

Taxes and duties

Locations

Gift cards

Markets

Apps and sales channels

Domains

Customer events

Brand

Notifications

Custom data

App development > Test

Install app

Overview

Configuration

API credentials

App settings

Select your access scopes to get started

Retrieve and sync store data with the Admin API.
Configure Admin API scopes

Develop unique shopping experiences with Storefront API.
Configure Storefront API scopes

Development history

All times in UTC.

Event	User	Date
App created	accounts@pragtech.co.in	Jun 23, 2023 at 05:49

Explore documentation to speed up development

Access store data with the Admin API

Develop custom shopping experiences with Storefront API

Authenticate with access tokens

Settings

5688f6-2.myshopify.com

Store details

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Customer events

Brand

Notifications

Custom data

Languages

Policies

Configuration > Admin API Integration

Cancel

Save

Admin API access scopes

All Selected 104

Filter access scopes

Analytics

View store metrics

☒ read_analytics

Assigned fulfillment orders

View or manage fulfillment orders

☒ write_assigned_fulfillment_orders

☒ read_assigned_fulfillment_orders

Browsing behavior

Includes personally identifiable information

View or manage online-store browsing behavior including page views, cart updates, product views and searches

☒ read_customer_events

Get access to store data with the Admin API. Only select the scopes your app needs. Don't access APIs in ways that violate the Shopify API License and Terms of Use.

Explore Admin API scopes

Start using the Admin API

Run demo queries with Shopify's GraphQL App

Settings

My Store
5688f6-2.myshopify.com

Store details

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Locations

Gift cards

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Apps and sales channels

Domains

Customer events

Brand

Notifications

Custom data

Languages

Policies

App development > Pragmatic

Installed

Uninstall app

Overview

Configuration

API credentials

App settings

API credentials

Admin API access token

Use your access token to request data from the Admin API.

Created Jun 14, 2023 at 12:31 UTC

You can't view this again because it provides authenticated Admin API access.

Keep your access tokens secure. Only share them with developers that you trust to safely access your data.

Authenticate with access tokens

Start using the Admin API

Start using the Storefront API

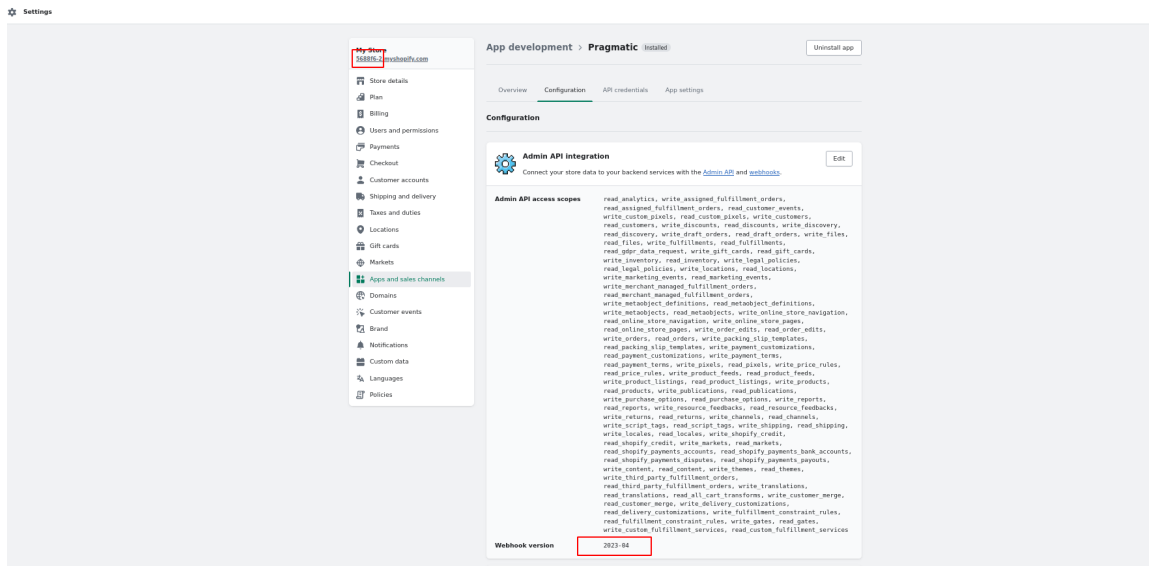
API key and secret key

API key

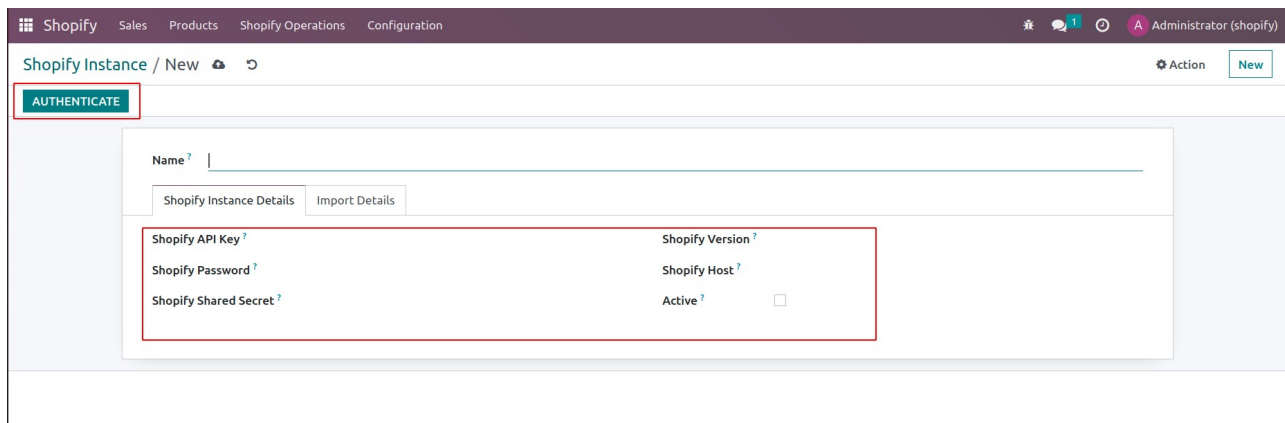
API secret key

Created Jun 14, 2023 at 12:27 UTC

Use your client secret to verify incoming webhooks.

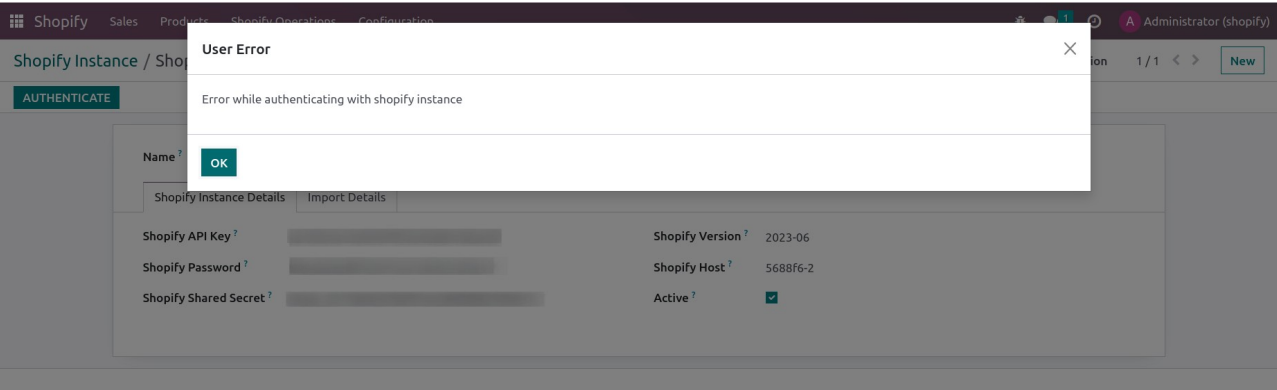
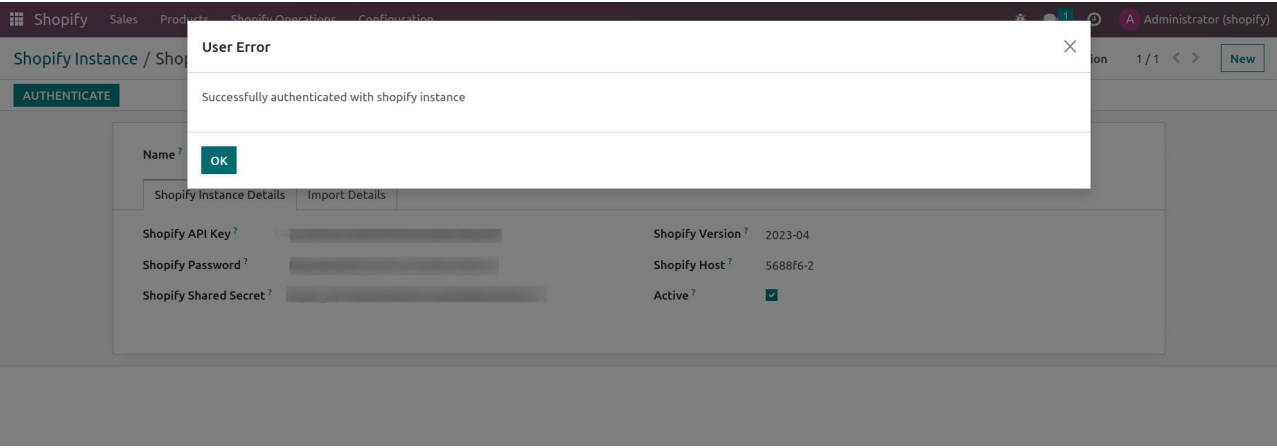


Once you have acquired the required credentials, proceed to create an instance in Odoo .

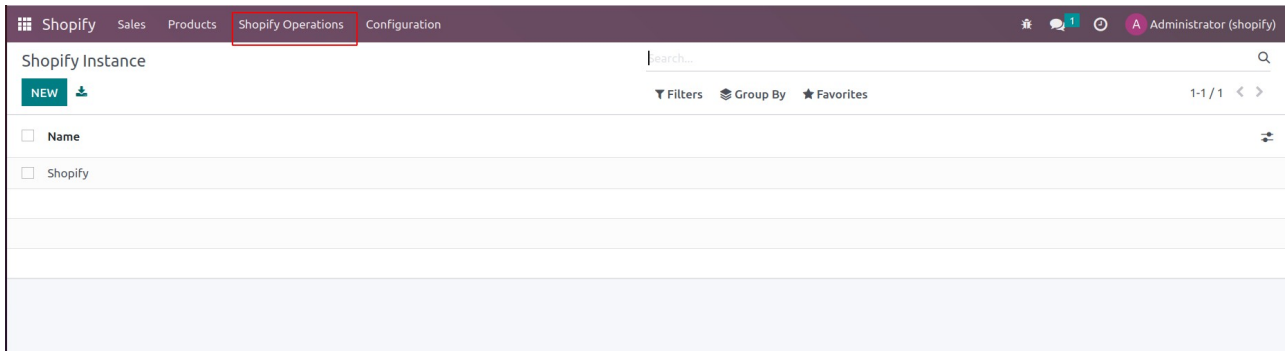


1. Set the obtained values within the instance settings.
2. Ensure that the 'active' field is set to true.
3. Finally, click on the 'AUTHENTICATE' button to establish the connection between Odoo and Shopify.

If the connection is successful, it will be displayed as shown in the image below. However, if the connection is unsuccessful, it will be displayed differently, as depicted in the image below.

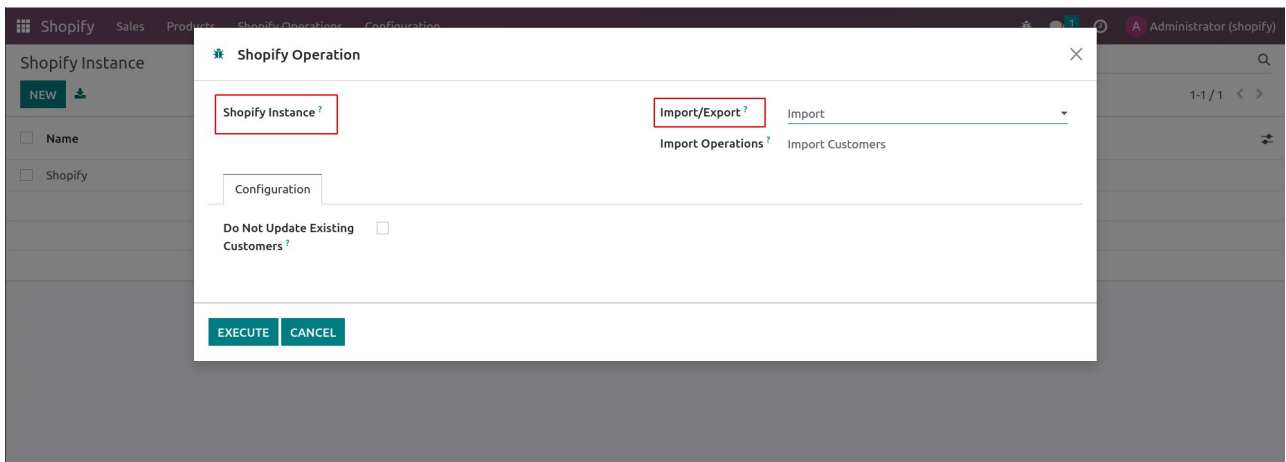


Importing



When you click on the 'Shopify' menu on the homepage, a page will be displayed featuring a menu titled 'Shopify Operations' as shown in the Figure

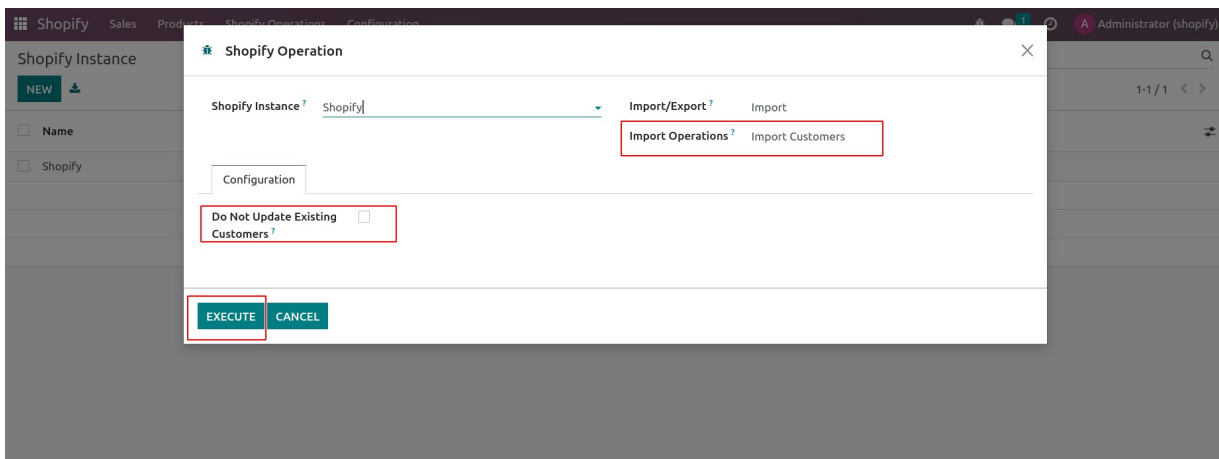
Upon clicking this menu, a popup(Figure) will appear, enabling you to select the previously created instance.



Within the popup, you can choose the 'Import' option from the 'Import/Export' section and select the desired operation to be performed.

The operations are arranged in a specific order for importing.

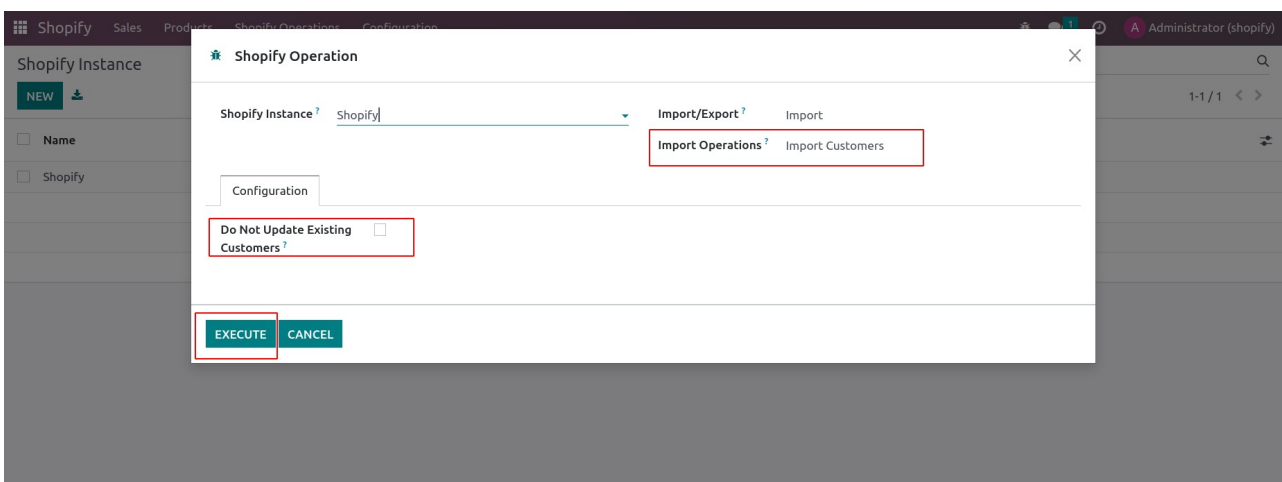
1. Importing Customers



import customers from Shopify to Odoo, follow these steps:

1. In the popup window, select the "Import Customers" option from the available operations.
2. After selecting the operation, click on the "Execute" button to initiate the customer import process from Shopify to Odoo.

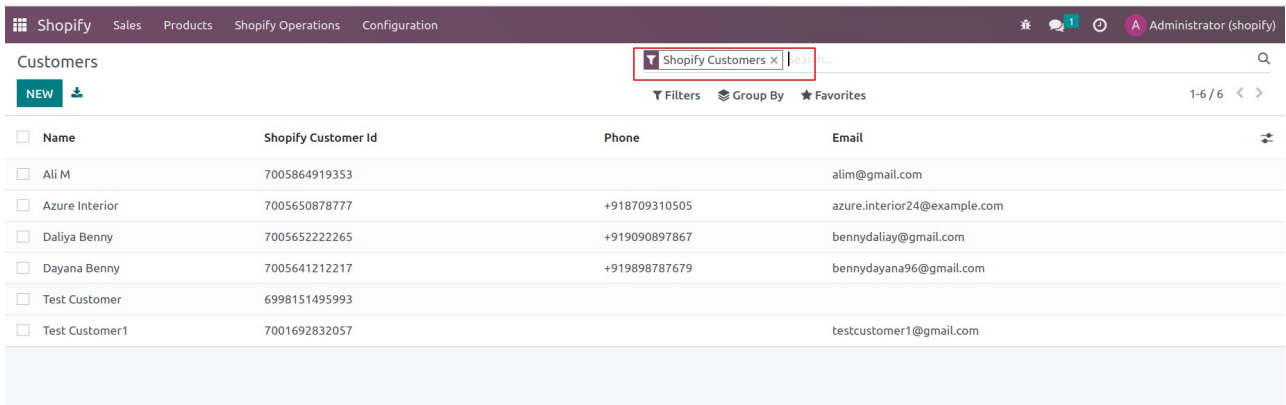
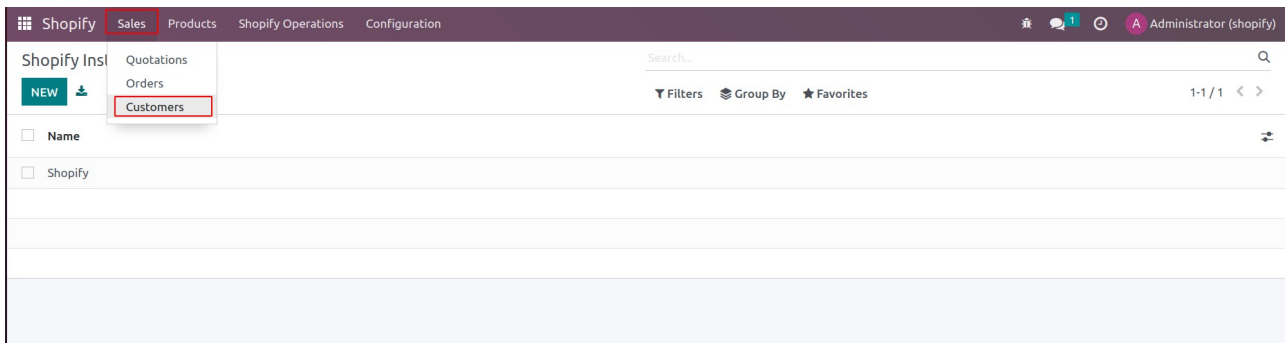
Additionally, there is an option to enable the "Do Not Update Existing Customers?".



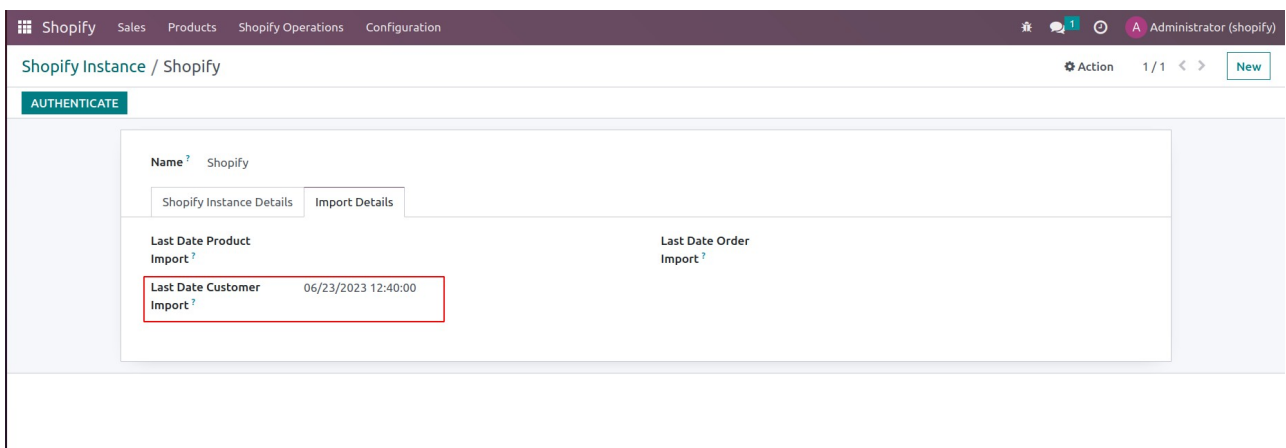
If this option is enabled, the imported customer will not be updated in Odoo if a matching customer already exists.

However, if the option is not enabled, the already existing customer in Odoo will be updated with the new data during the import process.

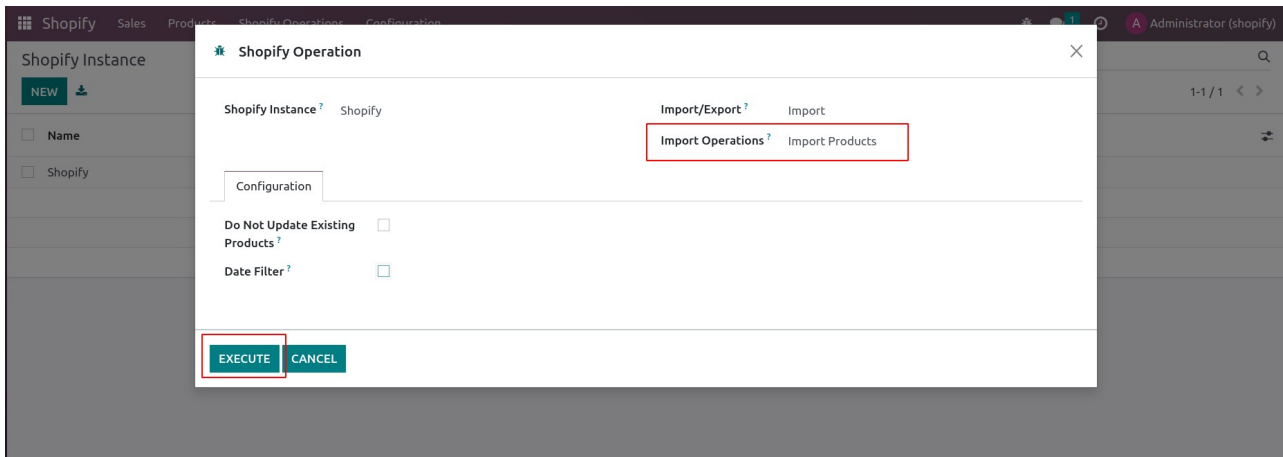
Once the customers have been successfully imported, you can view them by accessing the 'Customers' menu, which can be found under the 'Sales' menu on the Shopify page.



The date and time of the last customer import will be saved in a specific field within the instance. This field will store the information regarding the most recent import of customers from Shopify to Odoo.

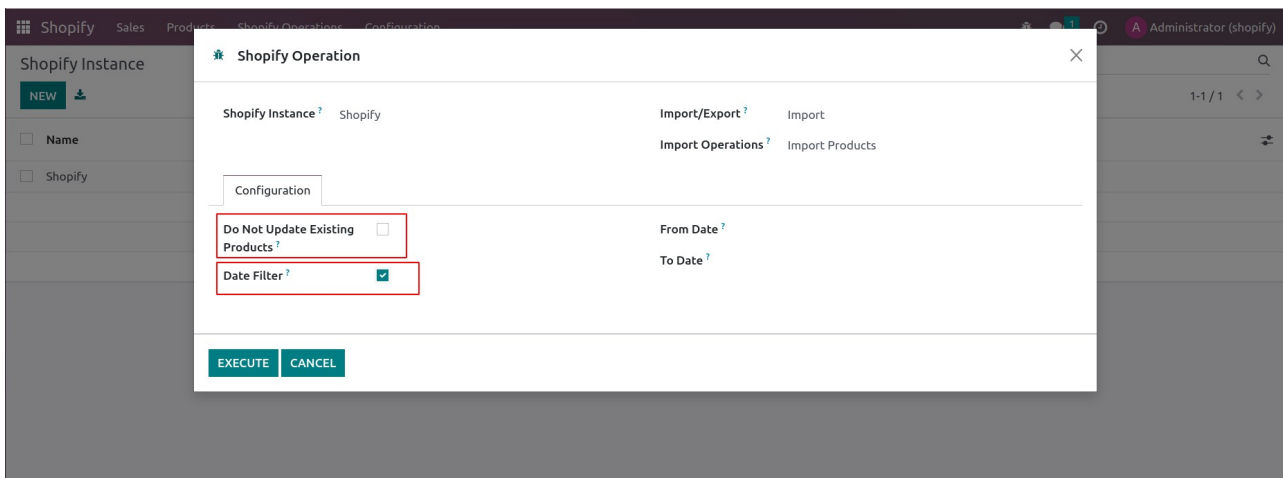


2. Importing Products



To import products from Shopify to Odoo, follow these steps:

1. In the popup window, select the "Import Products" option from the available operations.
2. After selecting the operation, click on the "Execute" button to initiate the product import process from Shopify to Odoo.



Furthermore, there is an option to enable the "Do Not Update Existing Products?" checkbox, which allows you to control whether imported products will be updated in Odoo if a matching product already exists.

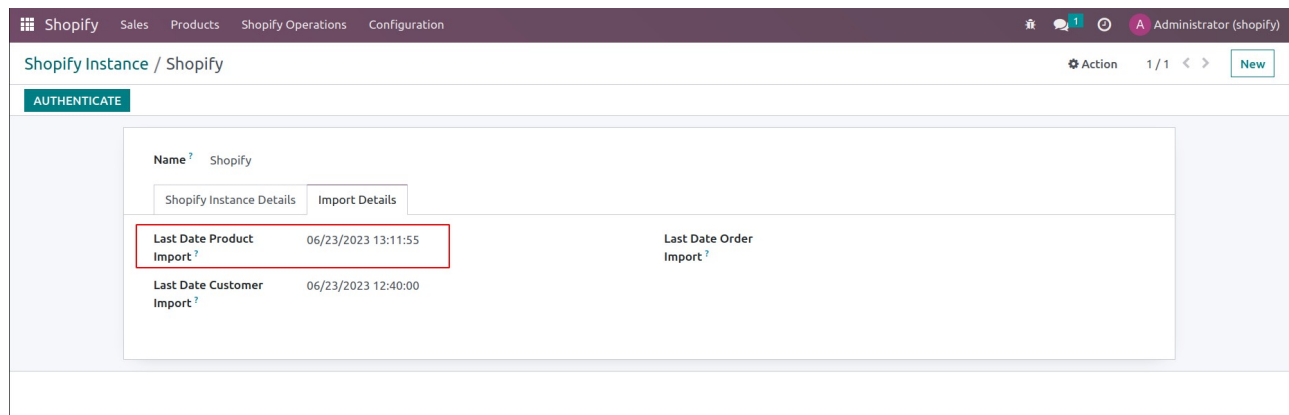
Enabling this option ensures that existing products in Odoo remain unchanged during the import process.

Additionally, if the "Date Filter" option is enabled, two additional options, namely "From Date" and "To Date," will be displayed.

By specifying a date range, only products created within that timeframe in the Shopify store will be imported.

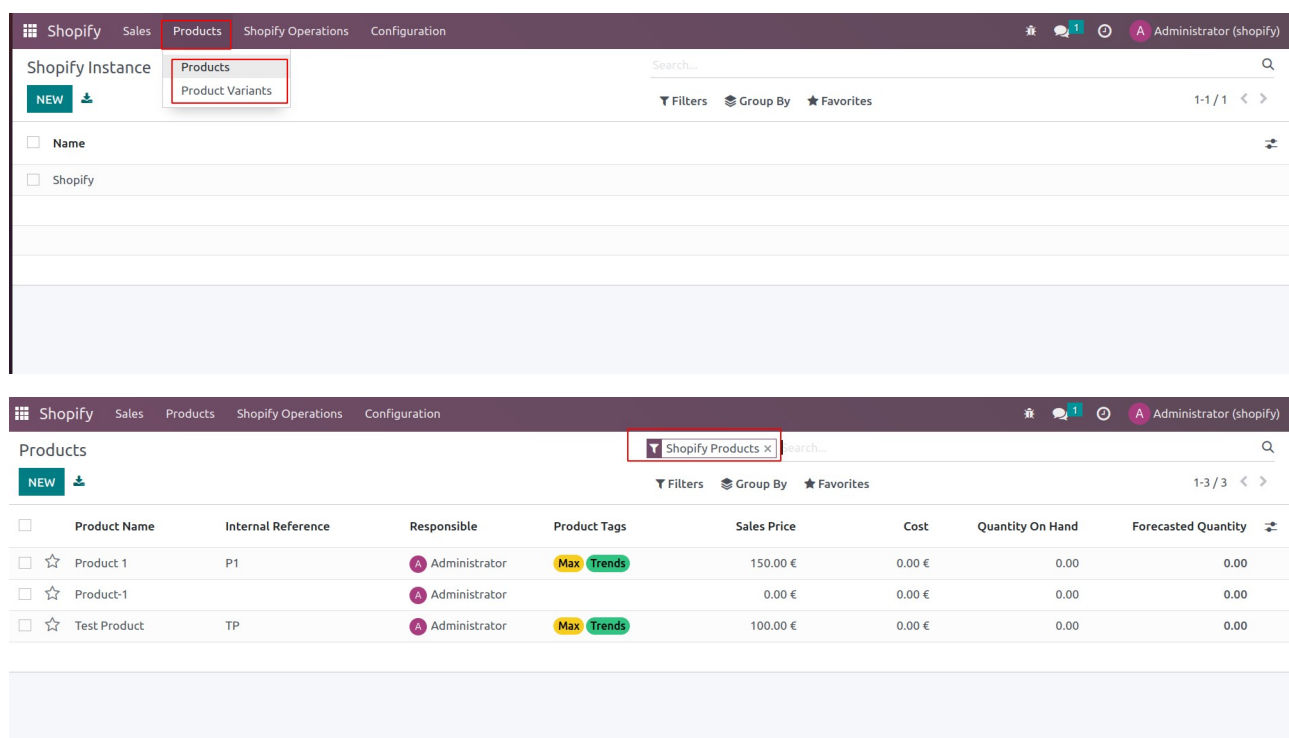
On the other hand, if the "Date Filter" is not enabled, up to 250 products will be imported.
[It's important to note that 250 is the maximum limit imposed by the Shopify store.]

The date and time of the last product import will be recorded in a specific field within the instance.



To access the imported products, you can click on the "Products" menu in the Shopify page. Within the "Products" menu, you will find two options: "Products" and "Product Variants".

- Clicking on "Products" will allow you to view products.
- Clicking on "Product Variants" will enable you to view the variants associated with the products.



Shopify

SalesProductsShopify OperationsConfiguration

Administrator (shopify)

Products / Product-1

Action2 / 3New

PRINT LABELSUPDATE QUANTITYREPLENISH

6 Variants

0.00 Units On Hand

0.00 Units Forecasted

In: 0Out: 0

0 Reordering...

0.00 Units Sold

Product Name ?

☆ Product-1

Can be Sold ?

Can be Purchased ?

General Information

Shopify

Attributes & Variants

Sales

Purchase

Inventory

Accounting

Attribute

Values

Size

MediumLarge

CONFIGURE

Color

BlackBluePurple

CONFIGURE

Add a line

Warning: adding or deleting attributes will delete and recreate existing variants and lead to the loss of their possible customizations.

Shopify

SalesProductsShopify OperationsConfiguration

Administrator (shopify)

Product Variants

Search...

NEW

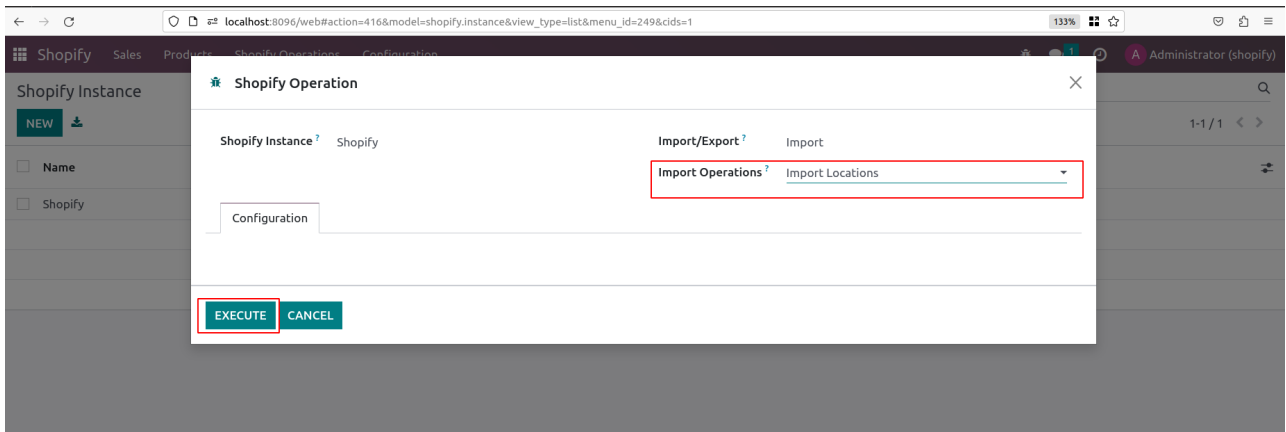
FiltersGroup ByFavorites

1-9 / 9

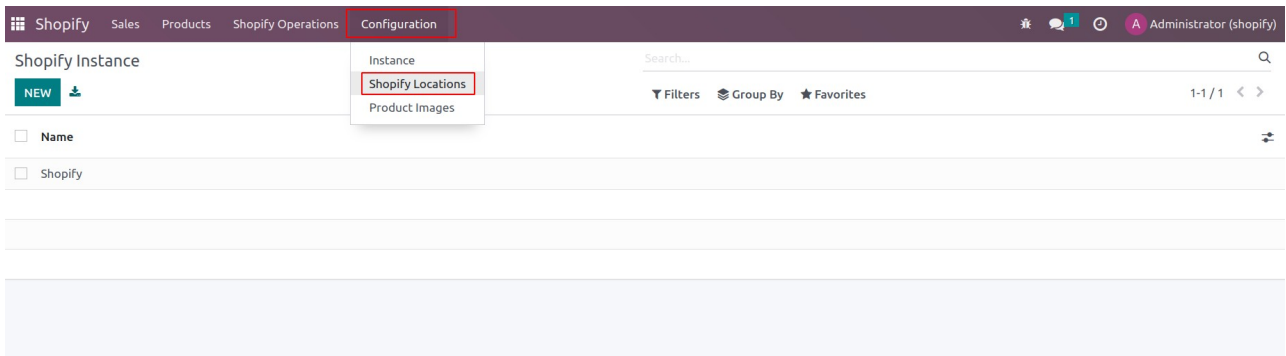
<input type="checkbox"/>	Internal Reference	Name	Variant Values	Sales Price	Cost	Quantity On Hand	Forecasted Quantity
<input type="checkbox"/>	☆ Delivery_007	Free delivery charges		0.00	0.00		
<input type="checkbox"/>	☆ P-1	Product-1	Size: MediumColor: Black	100.00	0.00	0.00	0.00
<input type="checkbox"/>	☆ P-2	Product-1	Size: MediumColor: Blue	125.00	0.00	0.00	0.00
<input type="checkbox"/>	☆ P-3	Product-1	Size: MediumColor: Purple	150.00	0.00	0.00	0.00
<input type="checkbox"/>	☆ P-4	Product-1	Size: LargeColor: Black	155.00	0.00	0.00	0.00
<input type="checkbox"/>	☆ P-5	Product-1	Size: LargeColor: Blue	160.00	0.00	0.00	0.00
<input type="checkbox"/>	☆ P-6	Product-1	Size: LargeColor: Purple	170.00	0.00	0.00	0.00
<input type="checkbox"/>	☆ P1	Product 1		150.00	0.00	0.00	0.00
<input type="checkbox"/>	☆ TP	Test Product		100.00	0.00	0.00	0.00

3. Import Locations

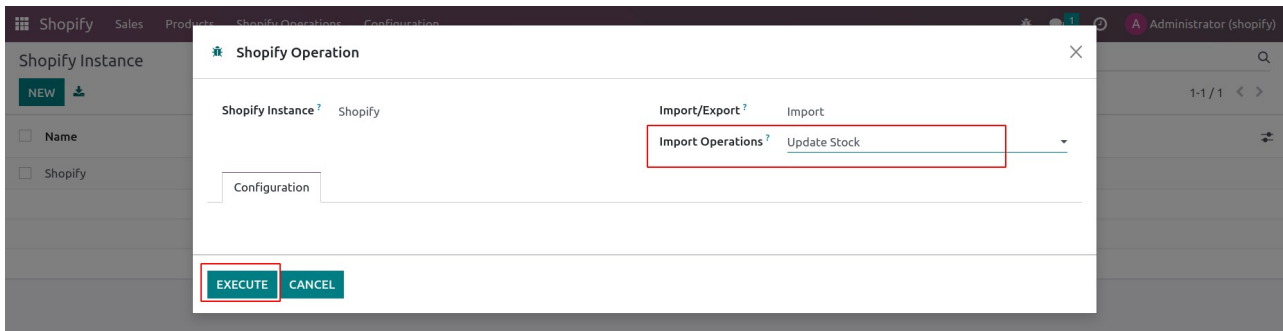
To import locations from shopify, choose “Import Locations” from the options in the operations and click on the “EXECUTE” button.



To access the imported locations, you can click on "Shopify Locations" under the "Configuration" section in the Shopify Page, as illustrated in the provided Figure.



4. Update Stock



Before initiating the "Update Stock" operation, it is recommended to import the locations. This is necessary because the quantity of each product in Shopify is based on the respective locations.

Once the "Update Stock" operation is completed, you will be able to observe that the quantity of the products has been successfully updated.

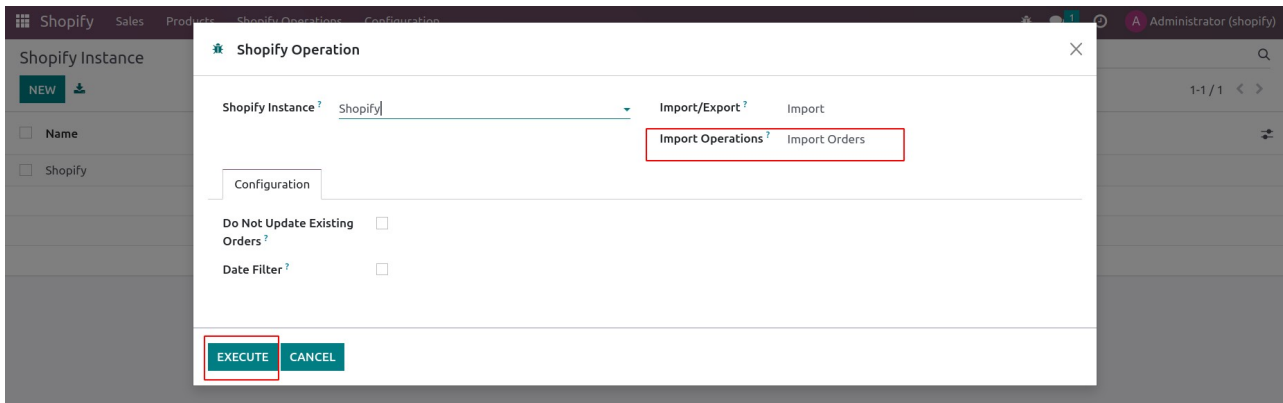
The screenshot shows the 'Products' table in the Shopify application. The table has columns: Product Name, Internal Reference, Responsible, Product Tags, Sales Price, Cost, Quantity On Hand (highlighted with a red box), and Forecasted Quantity. There are three rows of data.

	Product Name	Internal Reference	Responsible	Product Tags	Sales Price	Cost	Quantity On Hand	Forecasted Quantity
<input type="checkbox"/>	Product 1	P1	Administrator	Max Trends	150.00 €	0.00 €	0.00	0.00
<input type="checkbox"/>	Product-1		Administrator		0.00 €	0.00 €	19.00	19.00
<input type="checkbox"/>	Test Product	TP	Administrator	Max Trends	100.00 €	0.00 €	28.00	28.00

The screenshot shows the 'Products / Product Variants' table in the Shopify application. The table has columns: Internal Reference, Name, Variant Values, Sales Price, Cost, Quantity On Hand (highlighted with a red box), and Forecasted Quantity. There are seven rows of data.

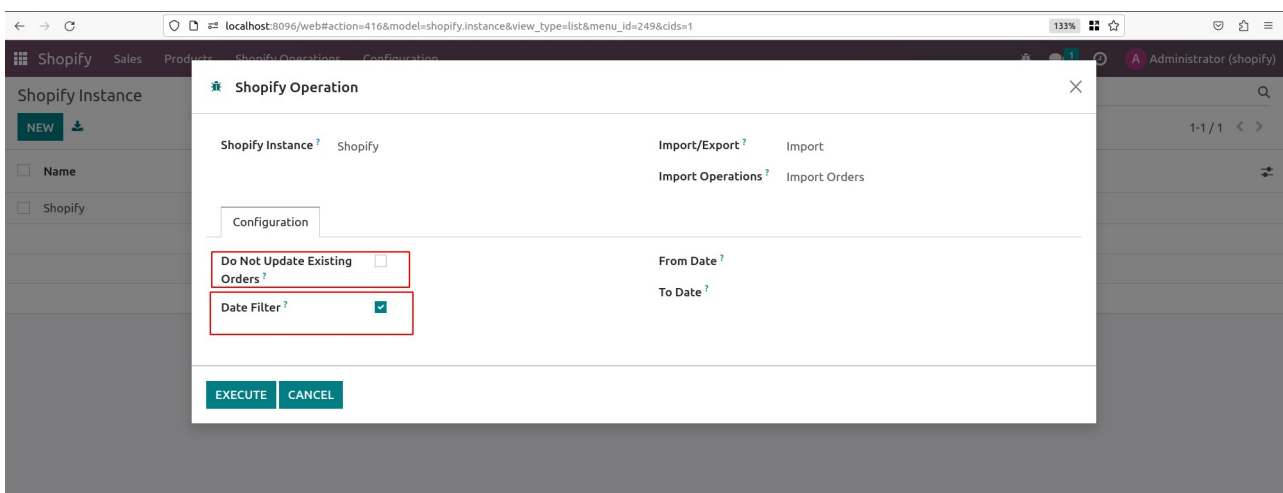
	Internal Reference	Name	Variant Values	Sales Price	Cost	Quantity On Hand	Forecasted Quantity
<input type="checkbox"/>	P-1	Product-1	Size: Medium Color: Black	100.00	0.00	3.00	3.00
<input type="checkbox"/>	P-2	Product-1	Size: Medium Color: Blue	125.00	0.00	3.00	3.00
<input type="checkbox"/>	P-3	Product-1	Size: Medium Color: Purple	150.00	0.00	2.00	2.00
<input type="checkbox"/>	P-4	Product-1	Size: Large Color: Black	155.00	0.00	5.00	5.00
<input type="checkbox"/>	P-5	Product-1	Size: Large Color: Blue	160.00	0.00	4.00	4.00
<input type="checkbox"/>	P-6	Product-1	Size: Large Color: Purple	170.00	0.00	2.00	2.00
<input type="checkbox"/>	TP	Test Product		100.00	0.00	28.00	28.00

5. Import Orders



To import orders from Shopify to Odoo, follow these steps:

1. In the popup window, select the "Import Orders" option from the available operations.
2. After selecting the operation, click on the "Execute" button to initiate the product import process from Shopify to Odoo.



Furthermore, there is an option to enable the "Do Not Update Existing Orders?" checkbox, which allows you to control whether imported orders will be updated in Odoo if a matching order already exists.

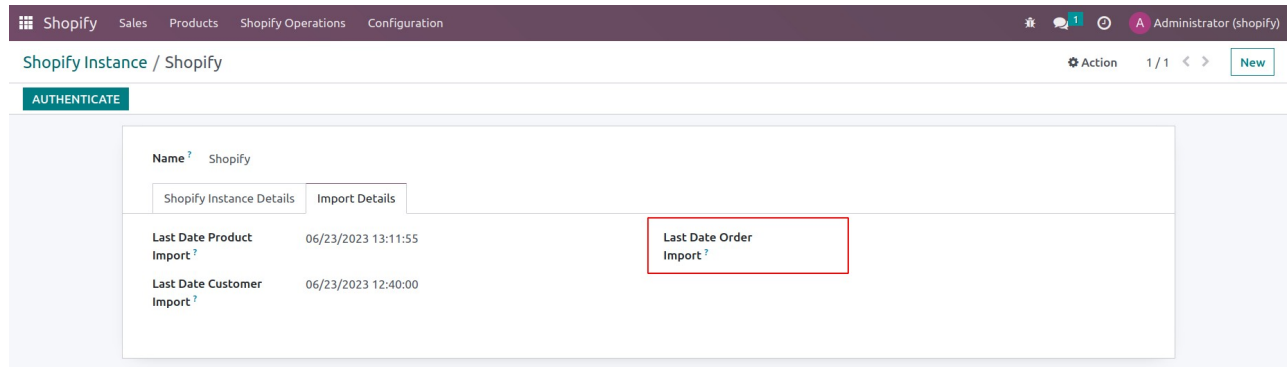
Enabling this option ensures that existing orders in Odoo remain unchanged during the import process.

Additionally, if the "Date Filter" option is enabled, two additional options, namely "From Date" and "To Date," will be displayed.

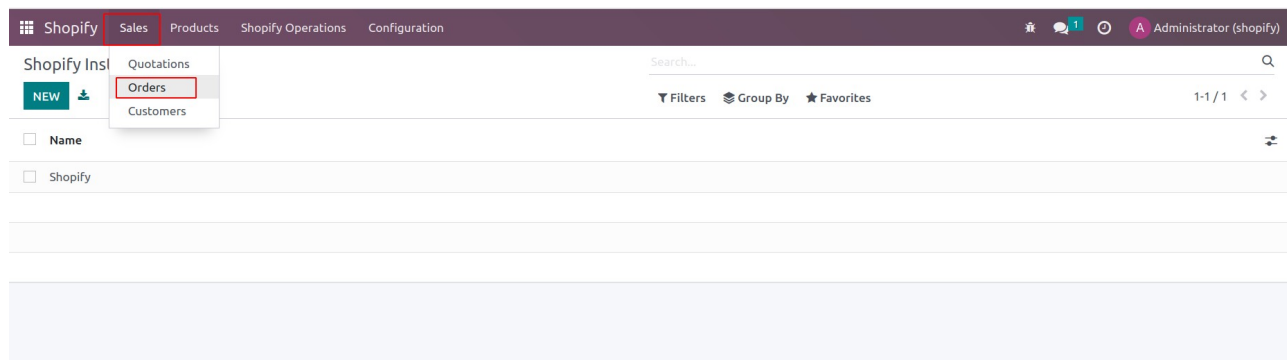
By specifying a date range, only orders created within that timeframe in the Shopify store will be imported.

On the other hand, if the "Date Filter" is not enabled, up to 250 orders will be imported.
[It's important to note that 250 is the maximum limit imposed by the Shopify store.]

The date and time of the last order import will be recorded in a specific field within the instance.



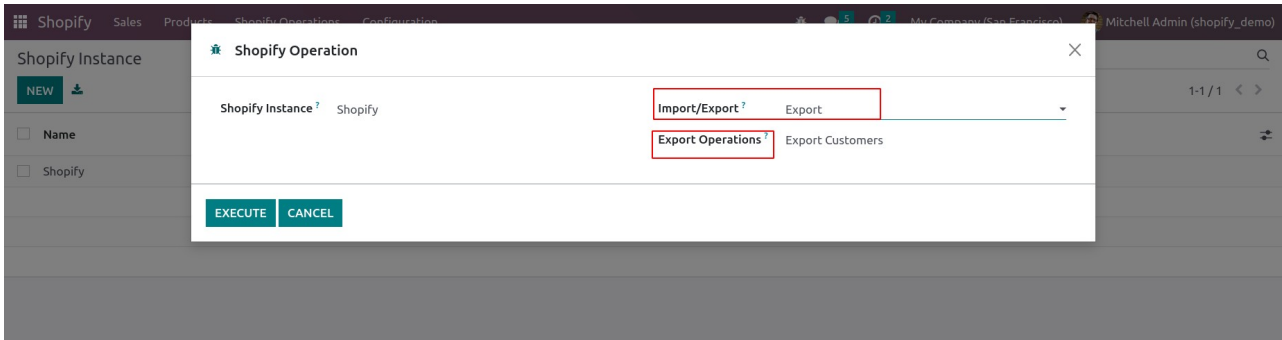
The imported orders can be viewed from the Order which is under the Sales option in the shopify page as shown in the figure.



Exporting

As mentioned in the Importing section, navigate to the Shopify operation menu on the Shopify page, as depicted in the provided Figure.

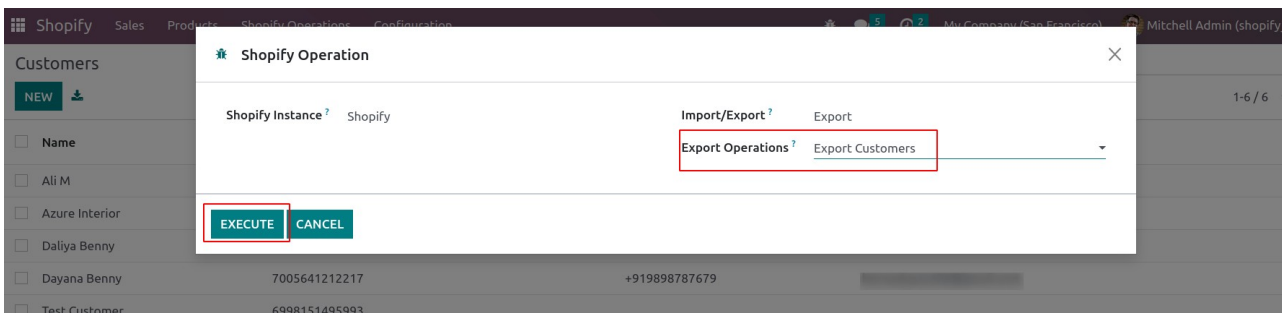
Upon clicking this menu, a popup(Figure) will appear, enabling you to select the previously created instance.



Within the popup, you can choose the 'Export' option from the 'Import/Export' section and select the desired operation to be performed.

1. Export Customers

To export customers from Odoo to Shopify, select the "Export Customer" option.

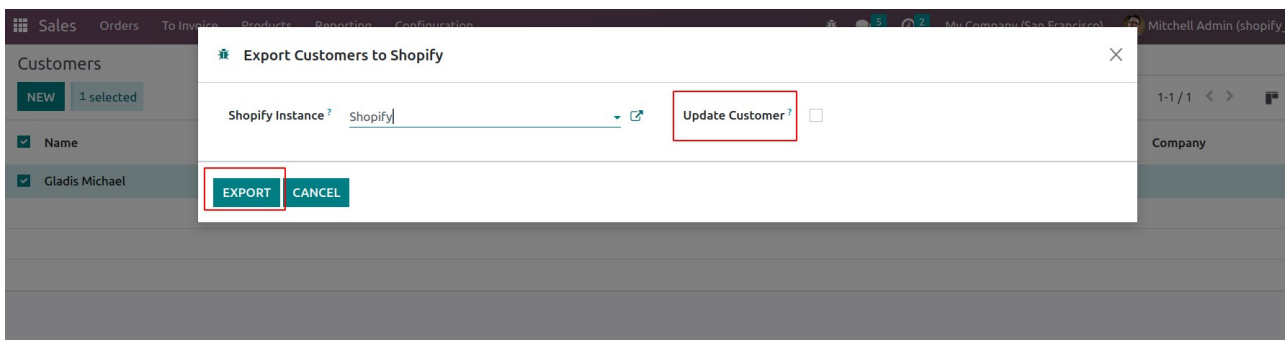
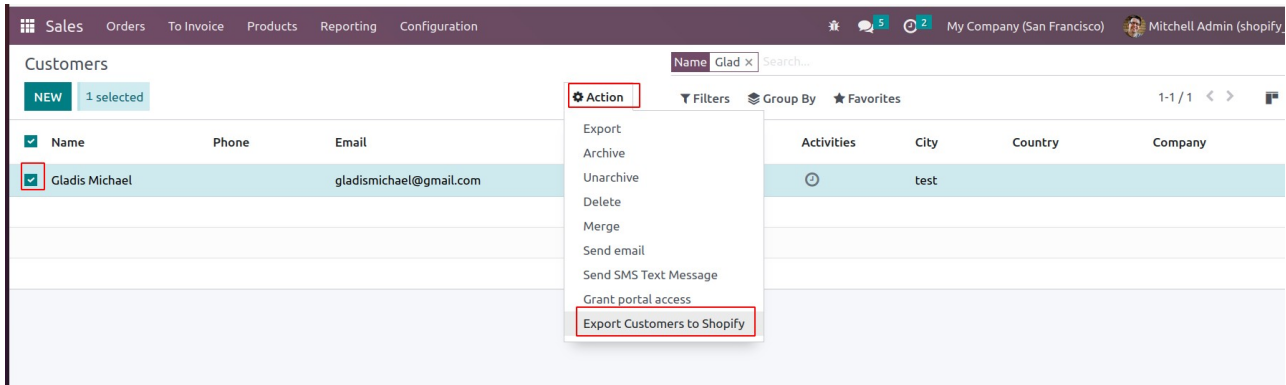


When you click on the "Execute" button, all the customers that have been created in Odoo will be created in the Shopify store.

Additionally, you can also perform the export of customers from the customer profile itself.

To do this, select the specific customers you wish to export by marking their checkboxes.

Then, click on the "Export Customers to Shopify" button located under the action menu.



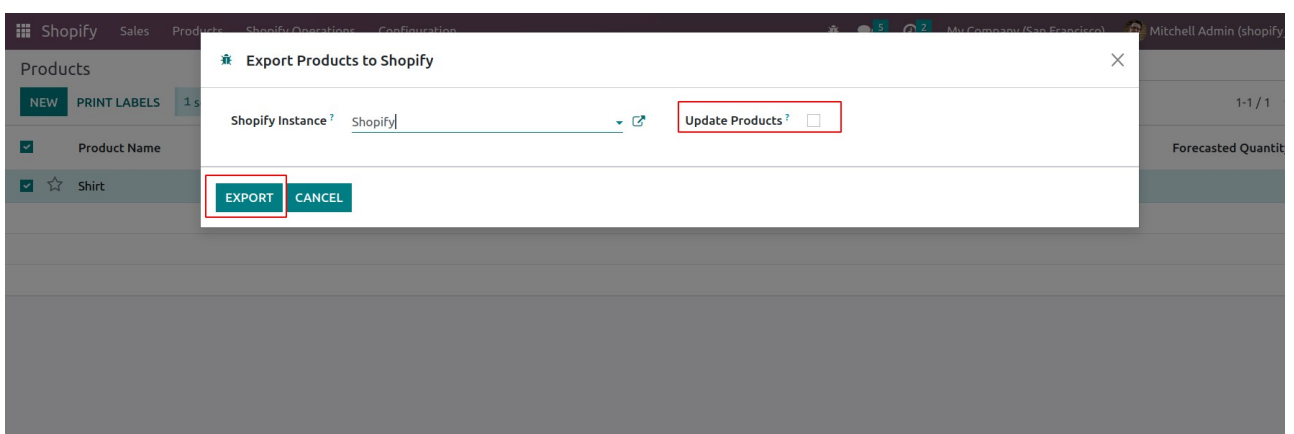
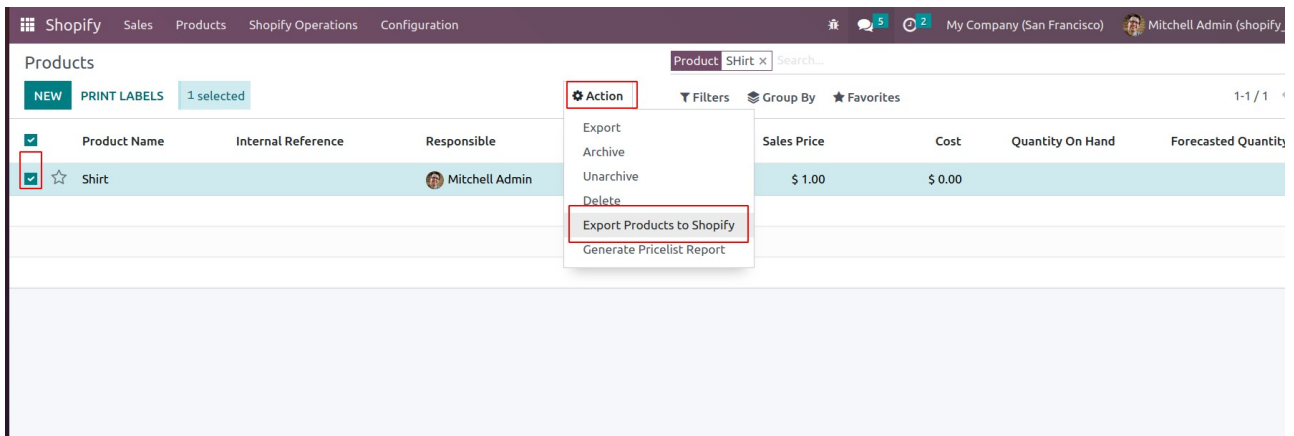
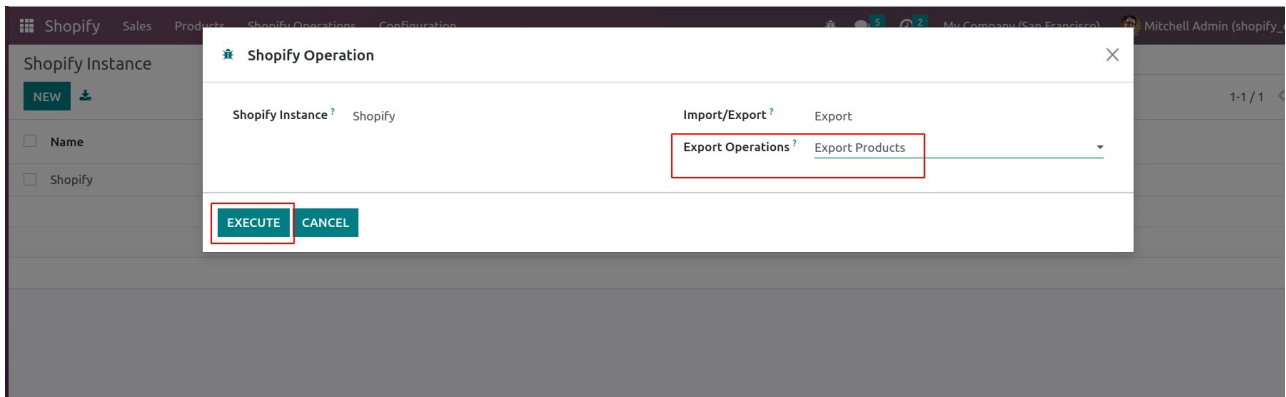
The "Update Customer" option provides a choice during the export process.

If this option is not enabled, newly created customers in Odoo will be created in Shopify without any updates to existing customers.

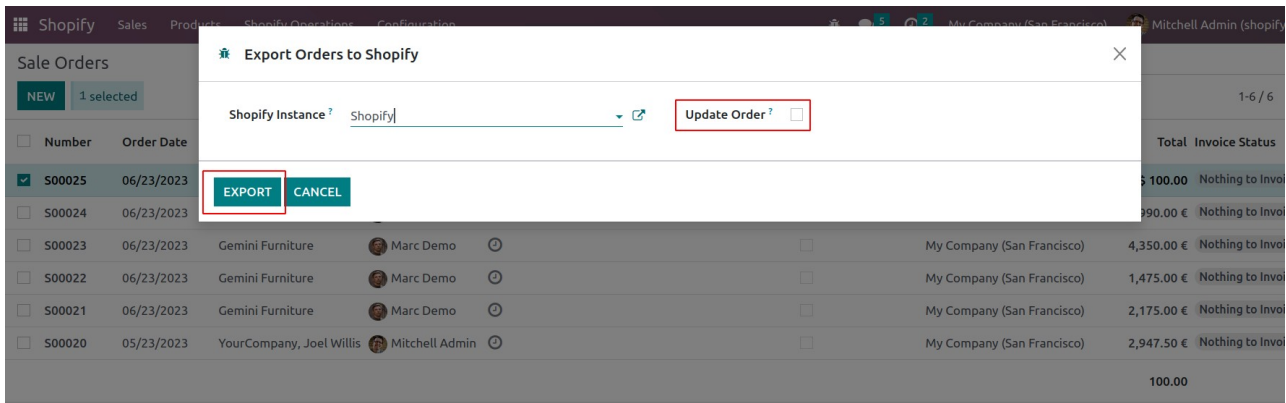
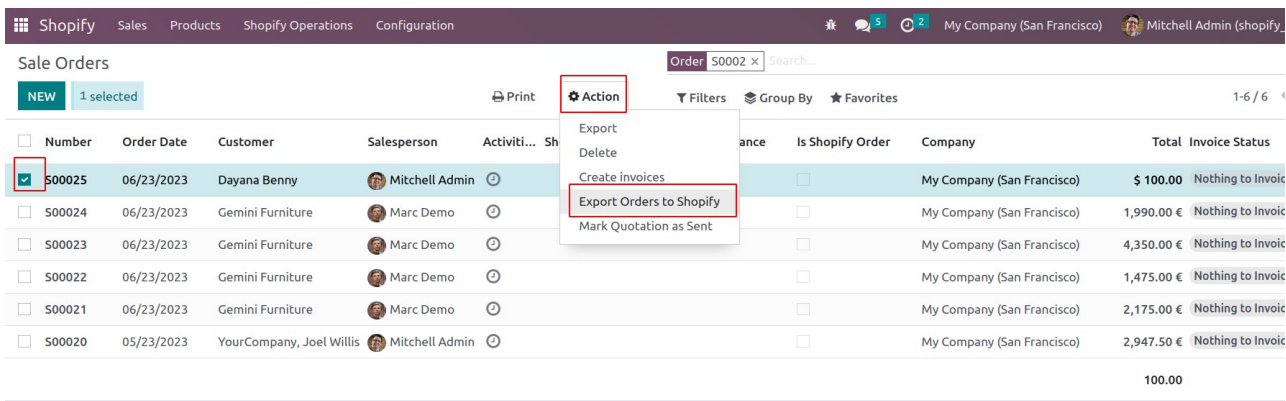
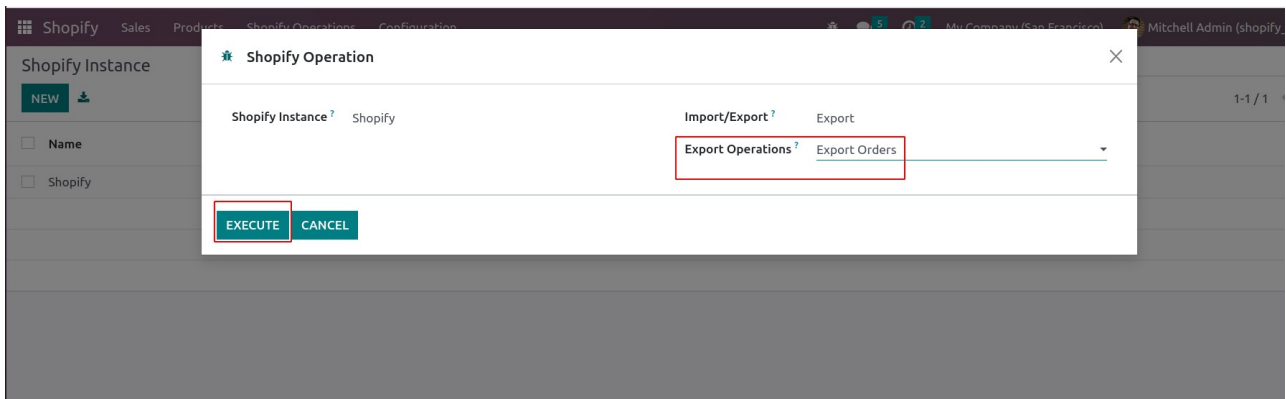
However, if the "Update Customer" option is enabled, both newly created customers and existing customers will be updated with any changes in their data.

2. Export Products

Similarly, just like exporting customers, you can export products from Odoo to Shopify using a similar workflow. Select the "Export Products" option from the operations menu.

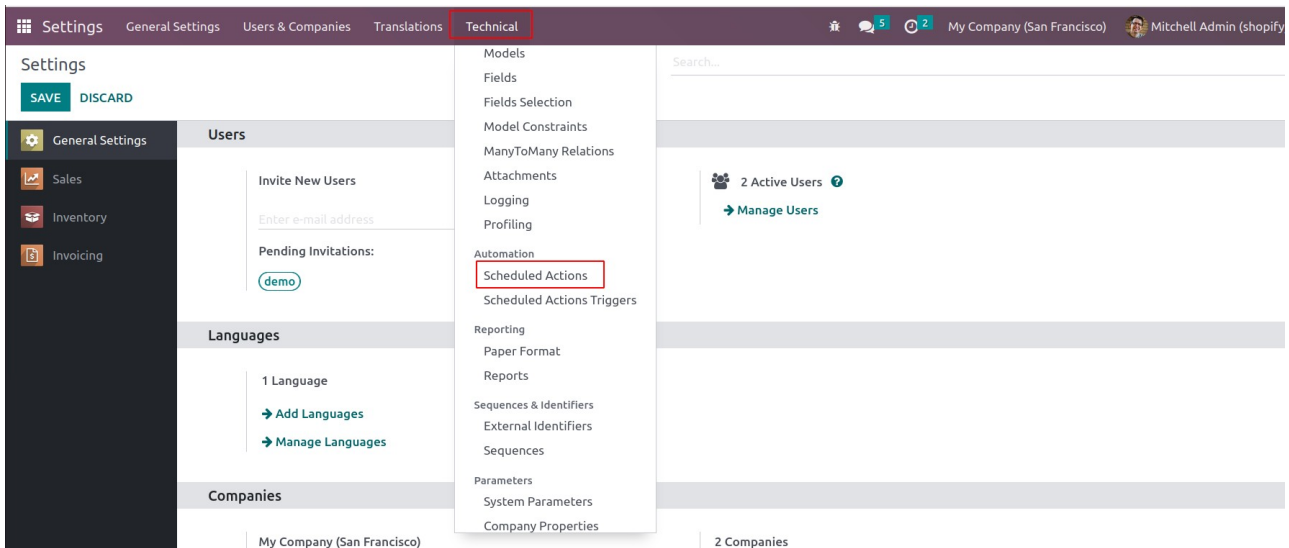


3. Export Orders



Schedulers

Schedulers are used in this module to automate the execution of the import and export at specific intervals..



To view the schedulers, got to the settings and take Scheduled Actions.

The screenshot shows the 'Scheduled Actions' page in Odoo. The page displays a list of scheduled tasks with columns for checkboxes, names, descriptions, dates, times, and frequencies. A red box highlights a group of tasks related to Shopify.

<input type="checkbox"/>	5 Mail: Fetchmail Service	Incoming Mail Server	06/23/2023 16:04:30	5 Minutes	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 Notification: Delete Notifications older than 6 Month	Message Notifications	06/24/2023 16:04:30	1 Days	-1 <input checked="" type="checkbox"/>
<input type="checkbox"/>	5 Notification: Send scheduled message notifications	Scheduled Messages	06/23/2023 19:04:30	1 Hours	-1 <input checked="" type="checkbox"/>
<input type="checkbox"/>	5 Partner Autocomplete : Sync with remote DB	Partner Autocomplete Sync	06/23/2023 19:04:51	60 Minutes	-1 <input checked="" type="checkbox"/>
<input type="checkbox"/>	5 Procurement: run scheduler	Procurement Group	06/24/2023 16:05:24	1 Days	-1 <input checked="" type="checkbox"/>
<input type="checkbox"/>	5 SMS: SMS Queue Manager	Outgoing SMS	06/23/2023 19:04:54	1 Hours	-1 <input checked="" type="checkbox"/>
<input type="checkbox"/>	5 Shopify: Auto Export Customers	Contact	06/23/2023 16:06:14	5 Minutes	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 Shopify: Auto Export Orders	Sales Order	06/23/2023 16:06:14	5 Minutes	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 Shopify: Auto Export Products	Product	06/23/2023 16:06:14	5 Minutes	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 Shopify: Auto Import Customers	Contact	06/23/2023 16:06:14	5 Minutes	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 Shopify: Auto Import Locations	Shopify Location	06/23/2023 16:06:14	5 Minutes	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 Shopify: Auto Import Orders	Sales Order	06/23/2023 16:06:14	5 Minutes	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 Shopify: Auto Import Products	Product	06/23/2023 16:06:14	5 Minutes	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 Shopify: Auto Update Stock	Product	06/23/2023 16:06:14	5 Minutes	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 Snailmail: process letters queue	Snailmail Letter	06/23/2023 19:04:55	1 Hours	-1 <input checked="" type="checkbox"/>
<input type="checkbox"/>	5 Users: Notify About Unregistered Users	User	06/24/2023 16:04:35	1 Days	-1 <input checked="" type="checkbox"/>
<input type="checkbox"/>	5 automatic invoicing: send ready invoice	Payment Transaction	06/23/2023 16:05:52	1 Days	-1 <input type="checkbox"/>
<input type="checkbox"/>	5 payment: post-process transactions	Payment Transaction	06/23/2023 18:15:00	10 Minutes	-1 <input checked="" type="checkbox"/>

