



FM

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Premium Workflow

A practical guide – step by step

Supplier Price Audit

Track supplier prices, compare them with your product costs and alert buyers about changes.

E-COMMERCE OPERATIONS

INTERMEDIATE

ABOUT 2 HOURS SETUP

OVERVIEW

Supplier Price Audit

Track supplier prices, compare them with your product costs and alert buyers about changes.

CATEGORY	DIFFICULTY	DURATION
E-Commerce Operations	Intermediate	About 2 hours setup

What you use it for

Protect margins when supplier prices change.

Tools in this workflow

Shopify Admin API · OpenAI API · Supabase · Slack

How to implement it

1

Import supplier price lists

Collect supplier price lists in one table with a date and source.

WHAT YOU NEED TO DO

1. Upload each price list as CSV.
2. Normalise product names and SKUs.
3. Store supplier, price and currency.
4. Reject rows without a SKU.

CHECK AT THE END

- [] Every row has a SKU
- [] Source and date are stored

RESULT

Supplier prices are stored consistently.

LINKS

Supabase Database Guide: <https://supabase.com/docs/guides/database>

2

Match products to your catalog

Match supplier SKUs to Shopify products and flag unclear matches.

WHAT YOU NEED TO DO

1. Read product SKUs from Shopify.
2. Match supplier rows by SKU.
3. Flag rows without a match.
4. Store the match confidence.

CHECK AT THE END

- [] Matched products are linked
- [] Unmatched rows are flagged

RESULT

Supplier prices are linked to your catalog.

LINKS

Shopify Admin API: <https://shopify.dev/docs/api/admin>

3

Detect price changes

Compare each new price with the previous price and calculate the change.

WHAT YOU NEED TO DO

1. Load the previous price per SKU.
2. Calculate the percentage change.
3. Flag changes above your threshold.
4. Store the change history.

CHECK AT THE END

- [] Every change has a timestamp

[] Large changes are flagged

RESULT

Price changes are visible and traceable.

LINKS

Shopify Admin API: <https://shopify.dev/docs/api/admin>

4

Check margin impact

Combine supplier price changes with current selling prices and shipping costs.

WHAT YOU NEED TO DO

1. Read selling prices from Shopify.
2. Add shipping and platform fees.
3. Calculate the new margin per SKU.
4. Flag products below the margin target.

CHECK AT THE END

- ☐ Margin formula is documented
- ☐ Low-margin products are flagged

RESULT

The team knows which products lost margin.

LINKS

Shopify Product API: <https://shopify.dev/docs/api/admin-rest/2024-10/resources/product>

5

Alert and review

Send a weekly summary to buyers and review the biggest changes together.

WHAT YOU NEED TO DO

1. Post a weekly summary in Slack.
2. List the ten largest price changes.
3. Include margin impact for each item.
4. Assign follow-up tasks to buyers.

CHECK AT THE END

- ☐ Summary is sent weekly
- ☐ Follow-up tasks have owners

RESULT

Buyers can react before margins suffer.

LINKS

Slack chat.postMessage: <https://api.slack.com/methods/chat.postMessage>

Recommended Tools & Resources

All tools in this workflow with their official website.

Shopify Admin API

<https://shopify.dev/docs/api/admin>

OpenAI API

<https://platform.openai.com/?ref=flowmatrix>

Official URL

Supabase

<https://supabase.com/?ref=flowmatrix>

Official URL

Slack

<https://slack.com/>

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