

Shopify API Integration

This script automates the process of fetching product data from a public e-commerce API and adding it to a Shopify store using Shopify's Admin API.

Features

- Fetches product details (title, price, description) from **FakeStoreAPI**.
- Adds the product to Shopify via **Shopify Admin API**.
- Includes **error handling** and **logging** for debugging.

Requirements

- Python 3.x installed on your system
- A Shopify store with **Admin API access**
- `write_products` permission enabled in **Shopify Admin API Scopes**
- Required Python packages installed

Setup Instructions

1 Clone the Repository

```
```bash
cd C:\Users\DELL\shopify-integration\shopify-integration
````
```

2 Install Dependencies

```
```bash
```

```
pip install -r requirements.txt
```

```

```

#### ### 3 Configure Environment Variables

Create a ` `.env` file in the project folder and add:

```
```env
```

```
SHOPIFY_STORE_URL=https://your-store.myshopify.com
```

```
SHOPIFY_ADMIN_API_TOKEN=your_admin_api_token_here
```

```
SHOPIFY_API_VERSION=2023-01
```

```
---
```

Replace `your-store.myshopify.com` and `your_admin_api_token_here` with actual values.

4 Run the Script

```
```bash
```

```
python script.py
```

```

```

```

```

#### ## Troubleshooting

##### ### ✖ \*\*401 Unauthorized Error\*\*

- Ensure `write\_products` permission is **enabled** in Shopify Admin API Scopes.
- Make sure the **Admin API Token** in ` `.env` is correct.
- Restart your terminal and run the script again.

##### ### ✖ \*\*Product Not Showing in Shopify\*\*

- Check **Shopify Admin > Products**.
- Verify if API call logs show success (`shopify\_api.log`).

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## **## Logging**

All API responses and errors are logged in `shopify\_api.log` for debugging.

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## **## Author**

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