

Product Scraper & Recommender — Supabase Installation & Running Guide

1. Download & Extract

1. Download the ZIP: `product-scraper-supabase.zip`
2. Unzip and open in terminal:

```
unzip product-scraper-supabase.zip
cd product-scraper
pnpm install
```

3. Copy environment file:

```
cp .env.supabase.example .env
```

4. Paste your **Supabase DATABASE_URL** in `.env` file.

Example (Direct):

```
postgresql://postgres:YOUR_PASSWORD@HOST:5432/postgres?sslmode=require
```

Example (Pooled):

```
postgresql://postgres:YOUR_PASSWORD@HOST:6543/postgres?pgbouncer=true&sslmode=require&connection_limit=1
```

2. Push Database Schema to Supabase

```
pnpm db:push
pnpm db:studio # optional GUI
```

3. Run the API Server

```
pnpm dev
```

Access the API:

- Health check → <http://localhost:8080/health>
- Analyze product →

```
curl -X POST http://localhost:8080/analyze -H "Content-Type: application/json" -d
 '{"url":"https://www.amazon.com/dp/B08N5WRWNW"}'
```

4. Optional: Separate Schema for Scraper

To create a separate schema in Supabase:

```
create schema if not exists scraper;
alter table "Product" set schema scraper;
alter table "Seller" set schema scraper;
alter table "ProductSeller" set schema scraper;
alter table "Recommendation" set schema scraper;
alter table "FetchLog" set schema scraper;
```

Then update Prisma datasource to:

```
schema = "scraper"
```

or add `?schema=scraper` in `DATABASE_URL`, then run:

```
pnpm db:push
```

5. Optional: Row Level Security (RLS)

- For internal server-only scraping, **keep RLS off**.
 - If needed, add a tenant column and policies per account.
- (You can request ready SQL & Prisma config.)

6. Deployment

Supabase Edge Functions cannot run Playwright/Chromium.

Deploy API to Render, Railway, Fly.io, or AWS EC2.

Set environment variables same as `.env` and ensure:

- `DATABASE_URL` = Supabase Postgres URL
- `HEADLESS` = true (for production)

■ ****Done!****

Now your Supabase-connected Product Scraper is ready to fetch product details and recommendations.