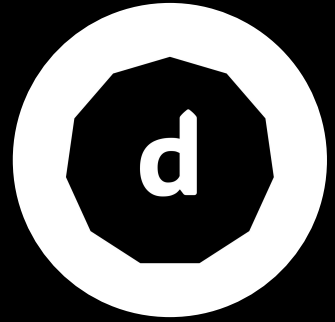# davids

data
analytics
visualization
intelligence
dashboard
software

Carter Esparza
Sam Nielsen

04/09/25

1

Why create davids?

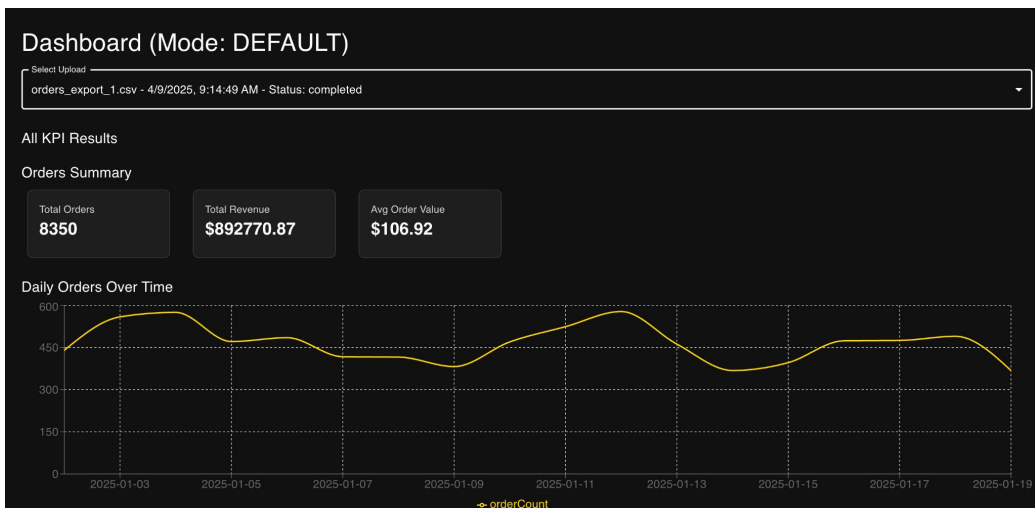# I believe in a better analytics platform.

low-to-mid sized Shopify companies have large enough datasets to drive real insights, not enough people to find and present them.

What is davids?

davids is the all-in-one dashboard and reporting tool to manage your Shopify analytics needs!

Featuring robust storage, simplified dashboard management and insights, and plug and play analytics, davids offers solutions for all Shopify account managers!

davids   mydavids.com   3

What goals for davids?

- Climb to 25 users by the end of the year

- Port over to Shopify App store by May

- Build real world experience with data analysis

Top Products by Quantity

product_name	total_quantity
T-Shirts (Imperfects)	1002
Heavy Fleece Hoodies & Crewnecks (Imperfects)	553
Scrunchies, Socks (Imperfects)	552
Long Sleeves (Imperfects)	369
Unisex Briefs (Imperfects)	176

Top Products by Revenue

product_name	product_revenue
PLU04GD - 16oz. Garment Dye Plush Fleece Sweatpant - Black Edge / S	0
SF4249 - Scour Fleece Puffy Hoodie - Scour / L	0
Heavy Fleece Hoodies & Crewnecks (Imperfects)	23226
T-Shirts (Imperfects)	12024
IMPHF04 - Imperfect Heavy Fleece Sweatpants - Random / M	7496

Why make davids?

🟢 Looking for data analyst roles in my future.

🟢 I work in E-commerce and am constantly asked for analytics tools.

🟢 Union of passion for software design while growing analytical skills.

🟢 Actively learn state-of-the-art analytics / reporting libraries and tools.

How use davids?

Log In / Sign Up!

Upload a Shopify Orders Export!

Dashboard is Automatically Generated!

MyDAVIDS

SIGN IN

Sign In

Email *

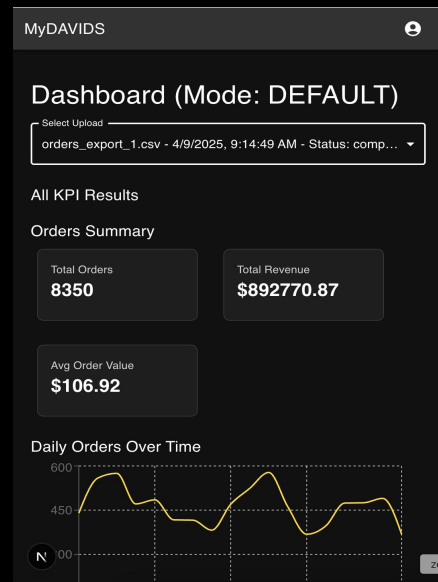Please fill out this field.

Password *

☐ Remember Me

SIGN IN

DON'T HAVE AN ACCOUNT? SIGN UP

MyDAVIDS

Upload Your File

Choose File   No file chosen

UPLOAD

MyDAVIDS

Dashboard (Mode: DEFAULT)

Select Upload
orders_export_1.csv - 4/9/2025, 9:14:49 AM - Status: comp... ▾

All KPI Results

Orders Summary

Total Orders
8350

Total Revenue
$892770.87

Avg Order Value
$106.92

Daily Orders Over Time

davids

mydavids.com

DEMO?!?

Trouble with davids?

Using FastAPI (Python) in the backend and Next.js (Javascript) in the frontend, which led to multiple issues when testing API calls. CORS Issues, SQL Schema.

Started hosting the site as soon as my first two endpoints were completed, on AWS.

Not much of a risk, but wow did that hurt my pocket.

Lack of focus and drive. Passion project, but new work projects revolving around programming for clients got in the way.

Why punch davids?

Enhance UI

UX feels solid, but UI is clonky and rigid

Add more Analytics

Goal is to get projections with machine learning!

Hosting

Research best hosting sites

(AWS expensive!)

Enhance API Speeds

Using FastAPI for backend, but want to improve Caching and API results filtering.

SQL

Enhance the table structures for indexing faster lookups.

Shopify GraphQL

Look into hosting on Shopify App store / GraphQL endpoints for modern connection.

Learn more davids?

Thank you!

Questions, comments, critiques, concerns?