

IS INVENTORY SILENTLY KILLING SMALL BUSINESS PROFITS?

THE HIDDEN COST OF BAD INVENTORY DECISIONS

3-4 BILLION \$

6-11%

10H/WEEK

missed yearly sales in
U.S. due to stockouts
and overstock

revenue drained each
year by inventory
inefficiencies

number of hours
small retailers
spend manually on
inventory tasks



SHELFSMART

One platform. Zero guesswork. Smarter stores.

MEET OUR **TEAM MEMBERS**

We're a passionate team of innovators, engineers, and problem-solvers working together to bring data-driven solutions to local businesses.



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Full Stack Developer
Rice University, MCS '24



Simon Liu
Full Stack Developer
Rice University, MCS '25



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Full Stack Developer
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Rice University, MEML '26

HOW EXISTING WORKS



Why Existing Solutions Fail?

1

Built for enterprises

Not designed for small business owners

2

One-size-fits-all approach

Ignores local & industry-specific needs

3

Lacks real intelligence

No forecasting or actionable alerts

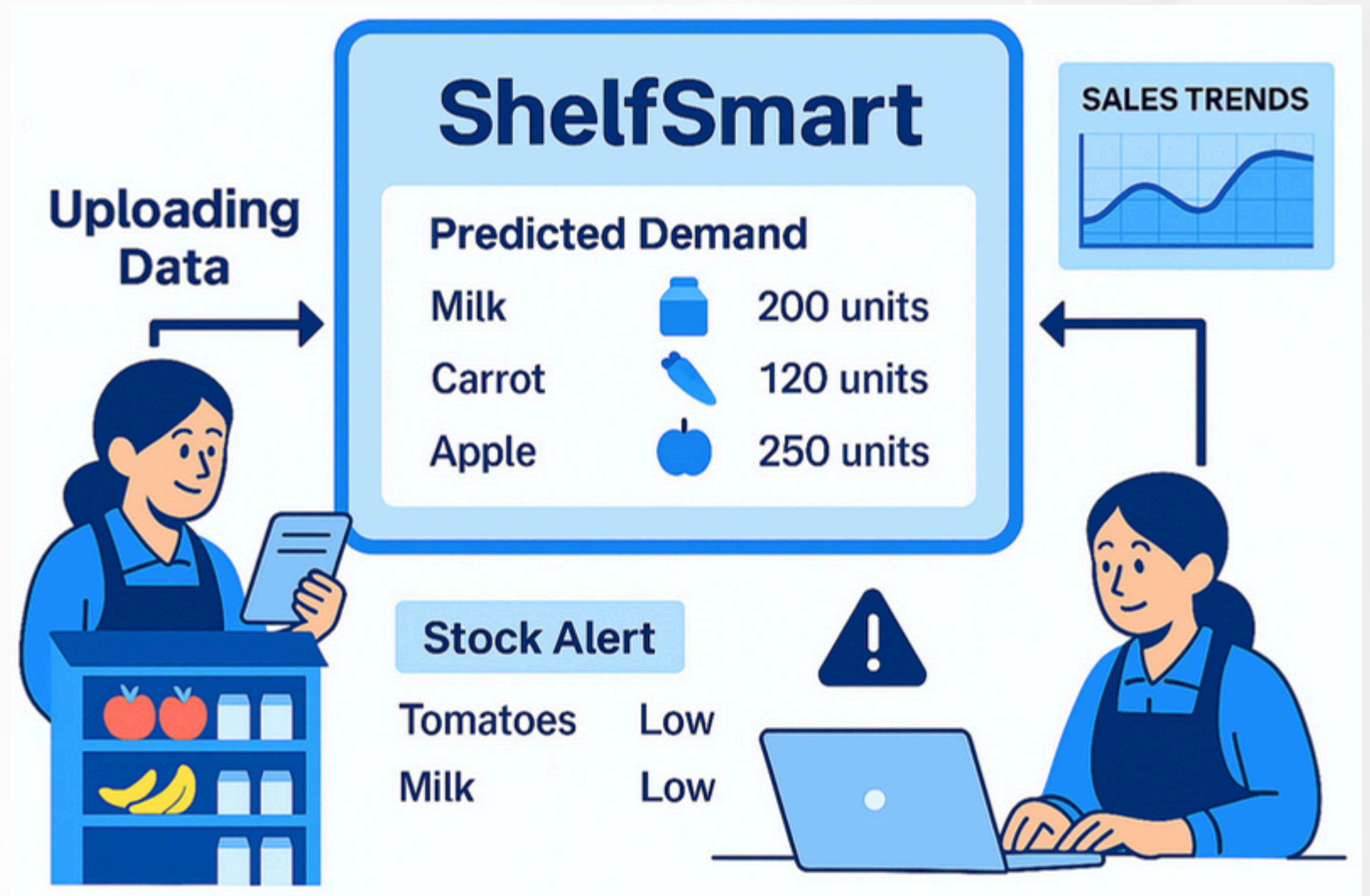


Every single day, small businesses are falling behind.

OUR SOLUTION

Key Features:

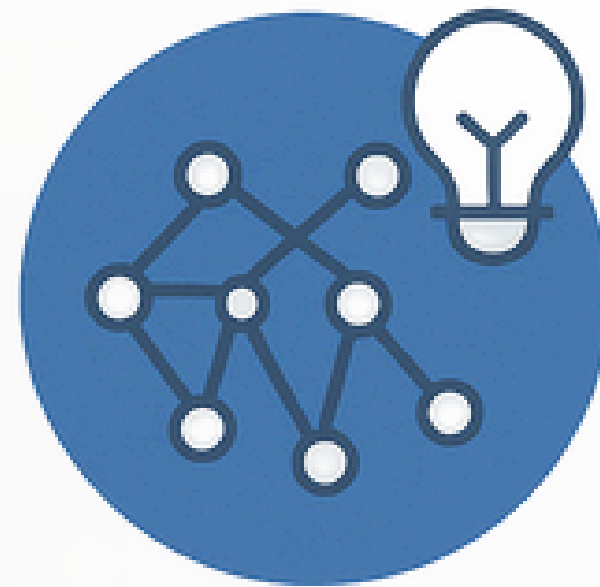
- Forecast demand with AI
- Smart low-stock alerts
- Easy CSV upload or POS sync
- Personalized assistant to answer business questions



HOW SHELFSMART WORKS...



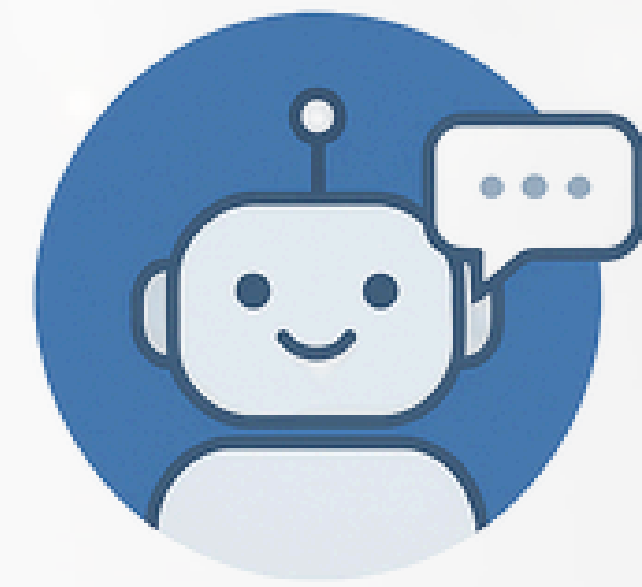
Upload CSV
or connect POS



Forecast
with AI



Get
inventory
alerts

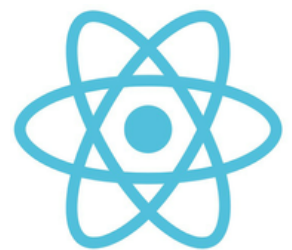
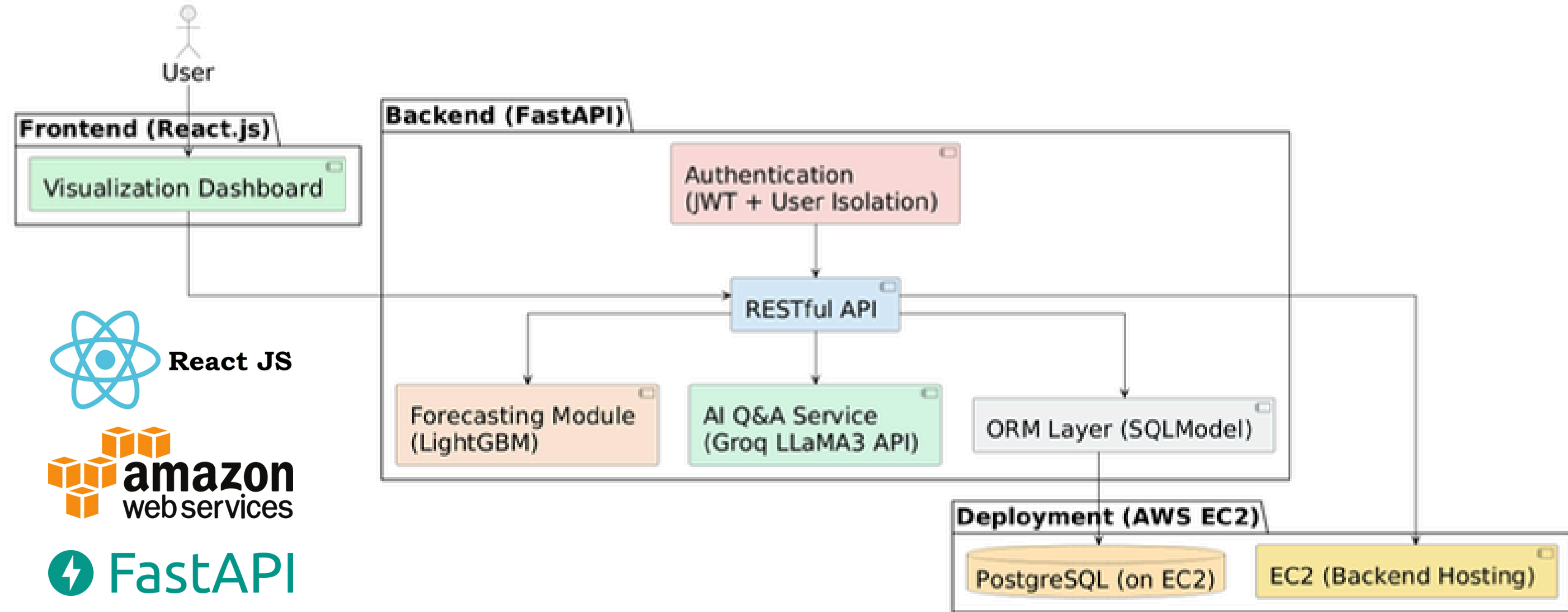


Act on insights
using the chatbot

From Sales Data to Smart Decisions in 4 Steps

All in a few clicks. No learning curve.

TECHNICAL ARCHITECTURE



React JS



BUSINESS IMPACT WITH SHELFSMART

30%

Reduction in
Stockouts

20-40%

Less
Inventory
Wastage

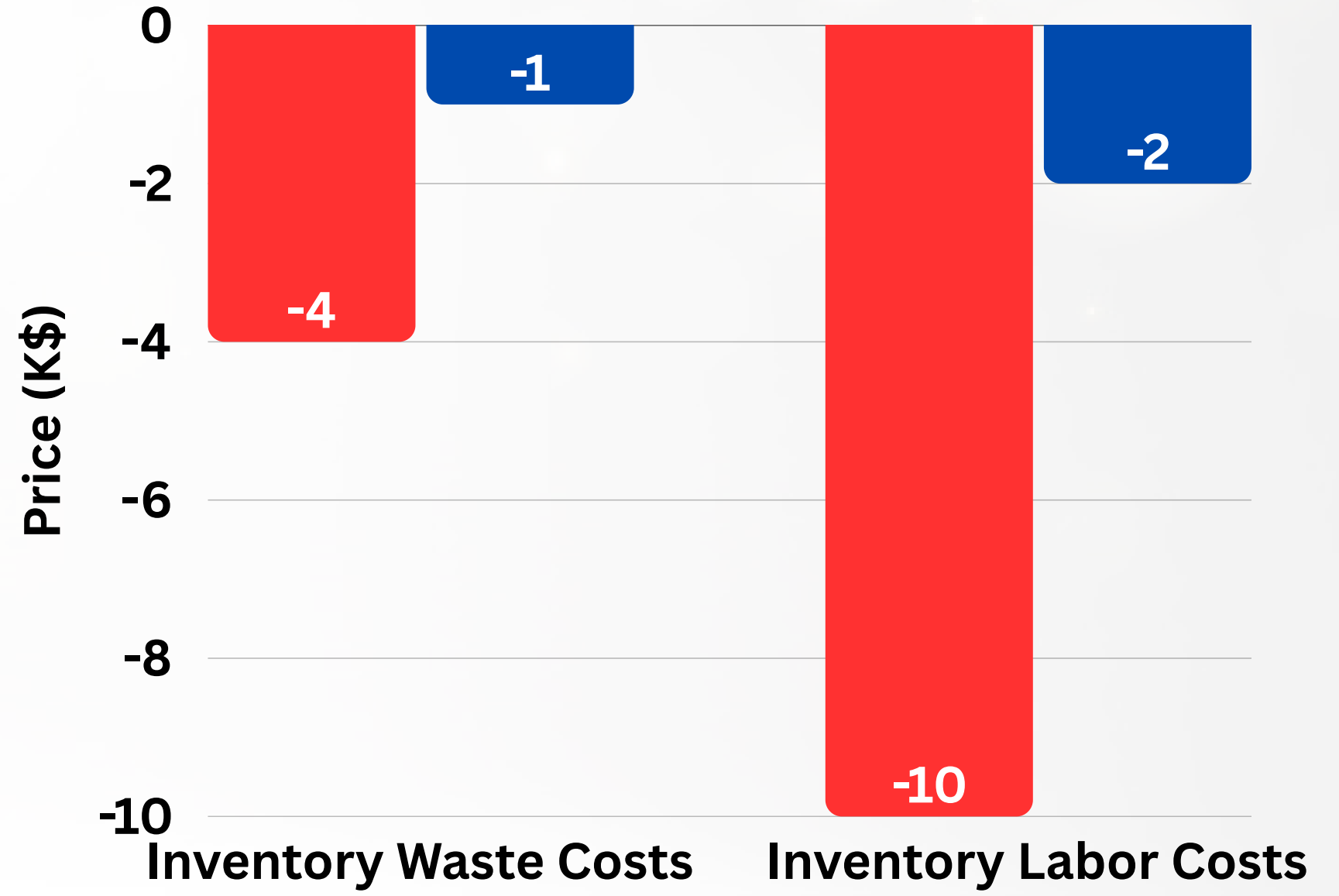
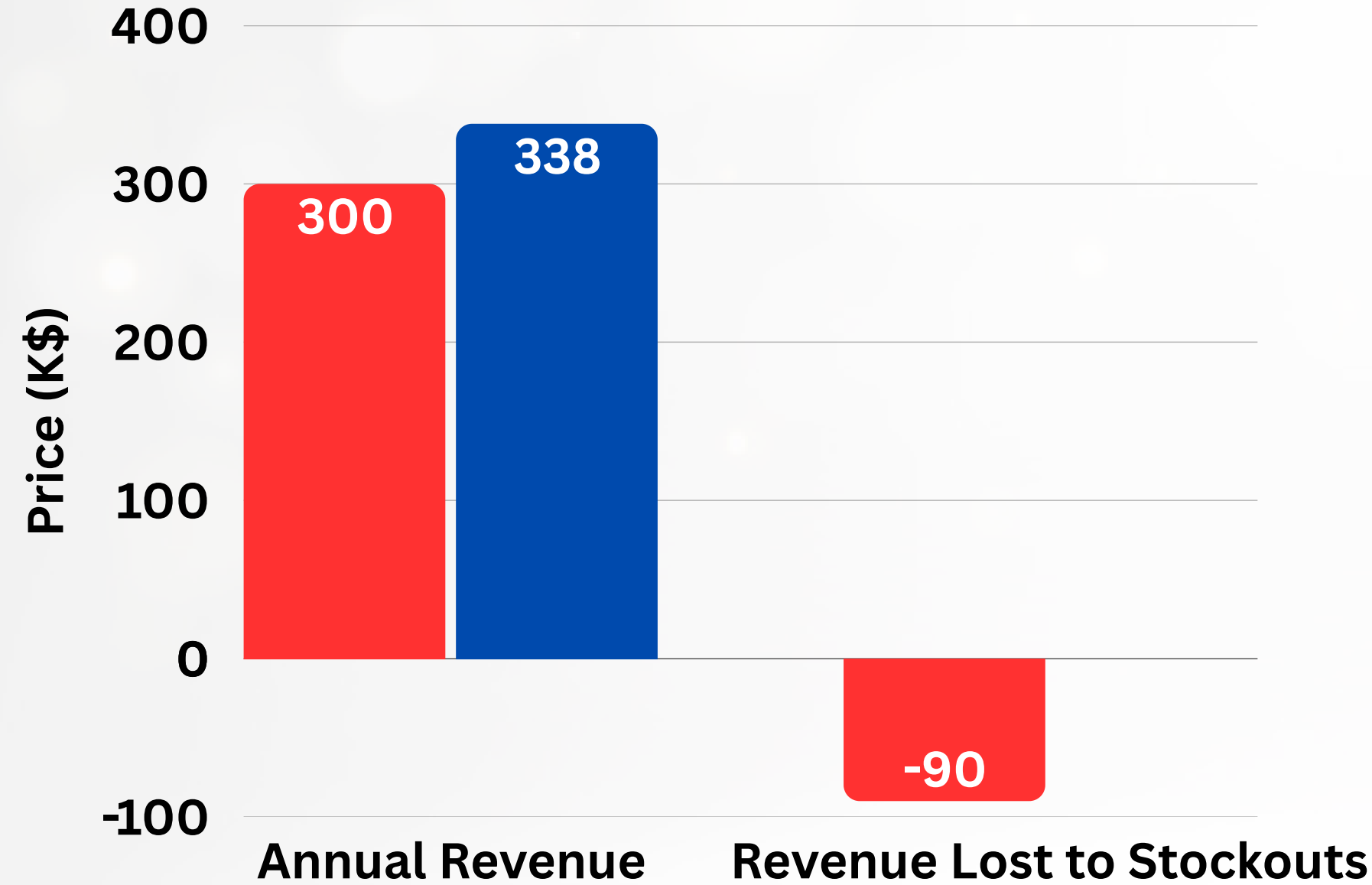
10-15%

Increase in
Revenue

8-10H/W

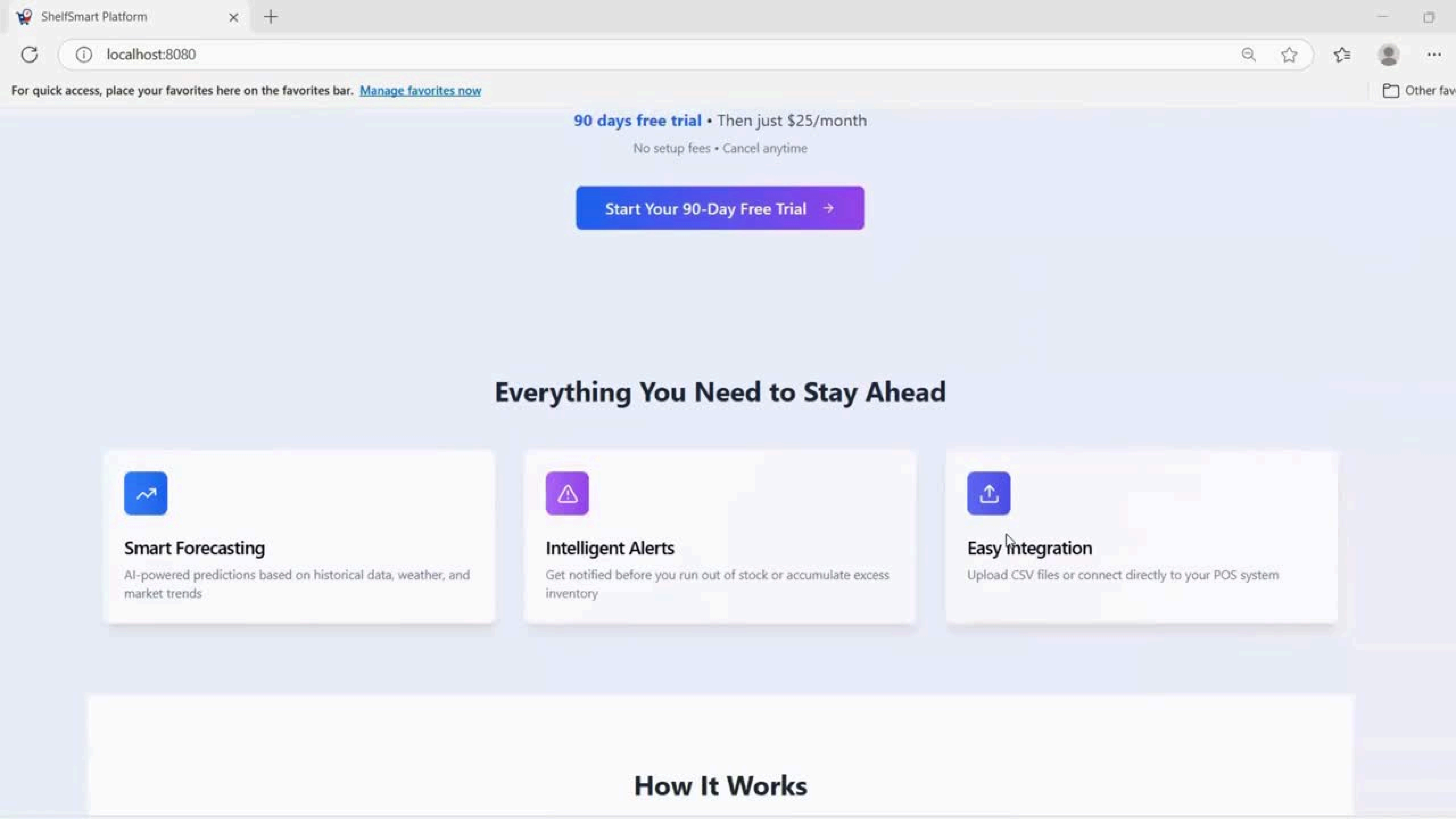
Number of hours
customers can
save

Typical Small Business: \$300K Annual Sales



 **without ShelfSmart**

 **with ShelfSmart**



90 days free trial • Then just \$25/month

No setup fees • Cancel anytime

Start Your 90-Day Free Trial →

Everything You Need to Stay Ahead



Smart Forecasting

AI-powered predictions based on historical data, weather, and market trends



Intelligent Alerts

Get notified before you run out of stock or accumulate excess inventory



Easy Integration

Upload CSV files or connect directly to your POS system

How It Works

FUTURE WORK...



1.POS integrations (Square, Lightspeed)

2. Multi-language support for local businesses

3. Auto-reorder feature integration

WHY SHELFSMART MATTERS

- Forecast demand accurately using **AI-driven** insights
- Reclaim **8–10 hours/week** by automating manual inventory tracking
- Reduce spoilage losses by up to **30%** with real-time stock alerts
- Optimize storage space and reduce overstock by **25%**
- Cut inventory labor costs through **smart automation**
- Make faster decisions with our built-in business assistant **chatbot**

One platform. Zero guesswork. Smarter stores...





SHELFSMART

THANK YOU



<http://shelfsmart.online/>



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