Al for More Accurate Inventory Planning

A modern AI approach that saves your inventory — and understands your data.

Introduction

How do you plan your inventory today?

- Do you consider seasonality, promotions, and relationships between products?
- Or do you still rely on manual estimates and complicated spreadsheets?

What We Offer?

• We use AI to predict demand for each item more accurately.

What You Get

- · Automatic forecasts for all items
- Consideration of seasonality, promotions, and new products
- Model testing on your own data (pilot cooperation)
- Easy integration via CSV, JSON, or API

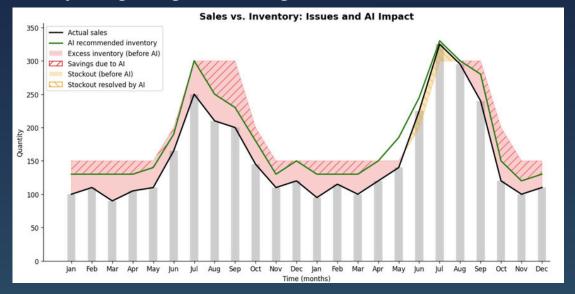
What's the Result?

- M Fewer excess stocks
- • Fewer "out of stock" situations
- 👼 Less manual work in planning

Legend

- POC Proof of Concept (testing on real data)
- NDA Non-Disclosure Agreement

Inventory Savings Using AI Forecasting



Results in Numbers

- ✓ Prediction accuracy up to 85% → for regularly sold items
- 5–10% savings in simulation while maintaining product availability
- ✓ Model adapts to seasonality, promotions, and new products
- ✓ Fast results POC within one week, final model within three weeks
- ☑ Independent solution easy export/import, no system modification required
- ✓ Scalability handles tens of thousands of SKUs

Try the demo app with real outputs from the POC test: https://demo-inventory-forecasts.streamlit.app/

Pilot Cooperation - Free of Charge

What We provide:

- · A model trained directly on your data
- Predictions for all your SKUs
- Comparison with your existing plan + clear visualization
- · Validation on real operational data

Process:

- **Week 1**: NDA + data export + 120-min workshop (select key items, goals, etc.)
- Weeks 2-4: first results, several scenarios, fine-tuning
- Months 2–3: live testing, regular reports, and adjustments

What We need from you:

- Contact person from planning/purchasing and a simple data export
- Short 30-min weekly sync for quick decisions and feedback

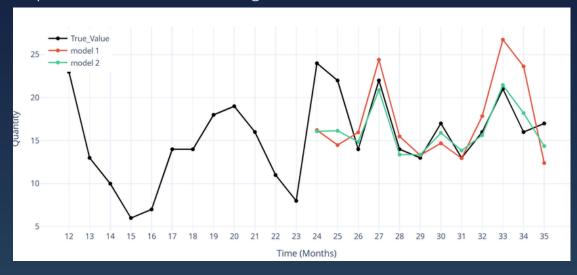
How We Measure Success:

- Agreed KPIs (forecast accuracy, stock-out reduction, inventory in weeks)
- Final report → accuracy, inventory impact, recommendations, and scaling proposal

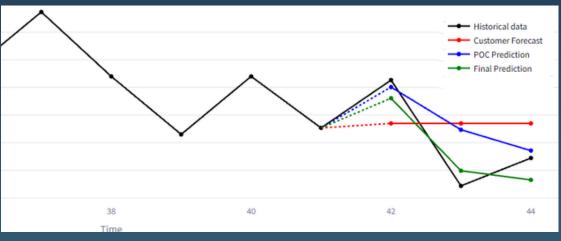
After the Pilot:

 After the pilot, you decide — continue as a monthly service or end cooperation (all outputs remain yours).

Comparison of Several Forecasting Models



Final Forecast vs Reality



Risk-Free

- ✓ No upfront payments verify results first
- **✓** No licensing commitments
- All outputs and models remain yours

← We can start next week – first results visible within 7 days.

Sample report: https://neebile.cz/POC_EN