

AI 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

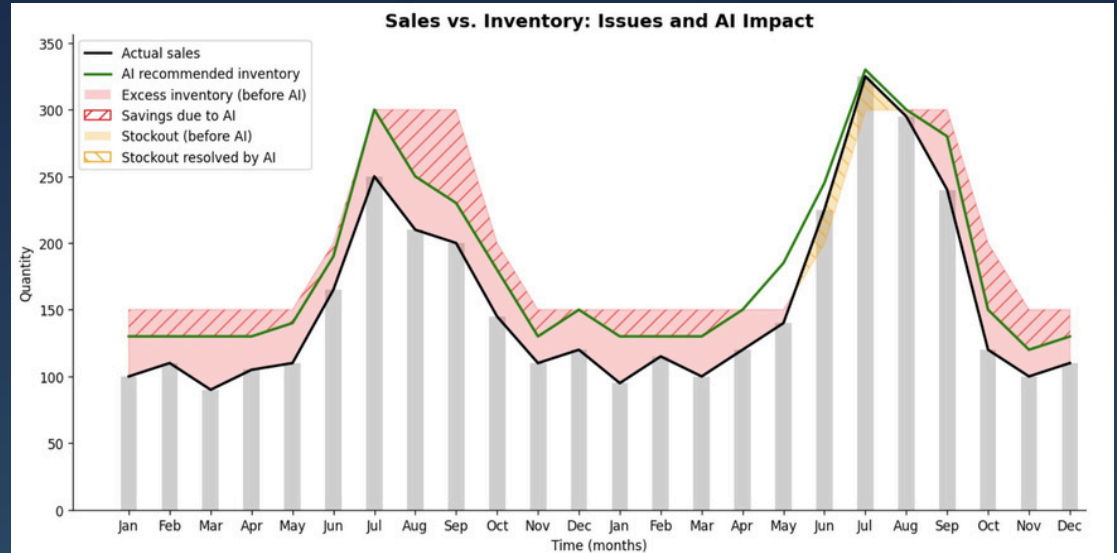
What's the Result?

- 📦 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/>

If the app is asleep, click “Yes, get this app back up!” – it will be ready within a minute.

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:

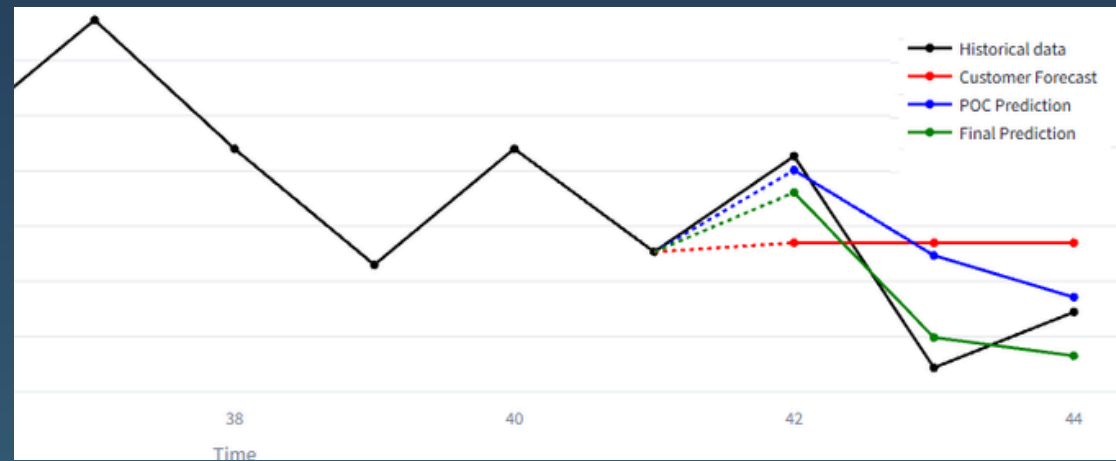
- After the pilot, you decide — continue as a monthly service or end cooperation (all outputs remain yours).

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

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.