


Meet **marimo**

The Next-Gen Notebook




: “I’ve used Jupyter  
Notebooks”

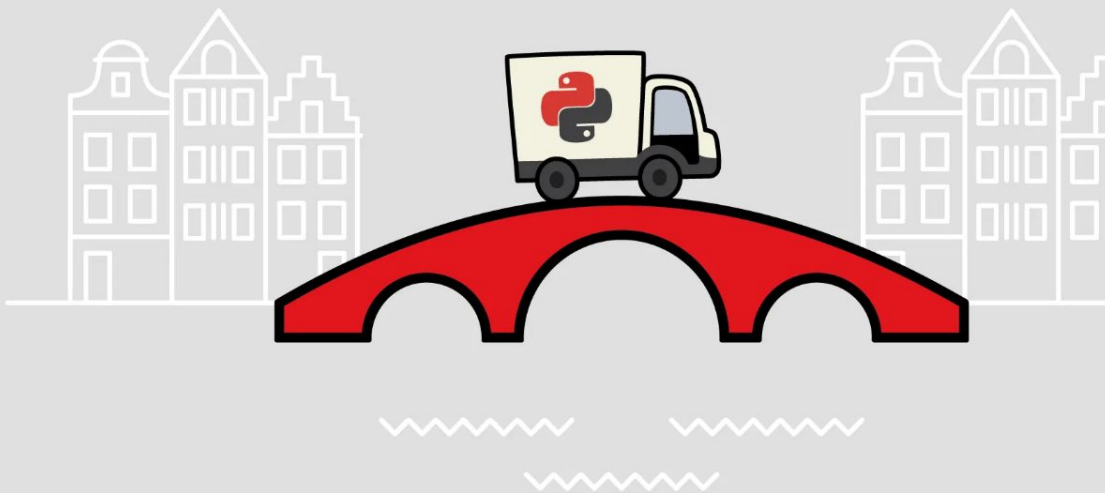
: “I’ve struggled with  
Jupyter Notebooks”

# I *love* notebooks

But a lot of things can be nice: enter Marimo

# Sven Arends

- Machine Learning Engineer
- Picnic: Tech meets Groceries
- Open source / Embedded / 



# marimo

- Reproducible
  - Deterministic and Reactive
- Interactive
  - Build-in UI elements
- Shareable
  - Stored in a **.py** file

marimo\_inference.py

```
from EUP25_Marimo_D2 import load_model, predict_sales

sales_data = [595, 989, 333, 506, 864, 1396, 806]
event_data = [1, 0, 0, 0, 0, 0, 1]

predicted_sales_next_day = predict_sales(load_model(), sales_data, event_data)

print(f"Predicted sales for the next day: {predicted_sales_next_day}")

>> "Predicted sales for the next day: 798"
```

# marimo

- **Features not covered in this talk:**
  - SQL cells
  - Native database integration (PostgreSQL, DuckDB, Snowflake etc..)
  - Pytest integration
  - UV integration
  - Ruff formatting
  - Run marimo notebooks in the browser (WASM)
  - Deep AI assistant integration
  - Export to Jupyter Notebooks
  - VS Code plugin
  - Real Time Collaboration (in progress)



# Picnic is Hiring

- Looking for ML / Data / Software Engineers
- Meet us at our booth!



Picnic Careers



Demo Code

