// FREE GUIDE BY @AVIGRONDIN

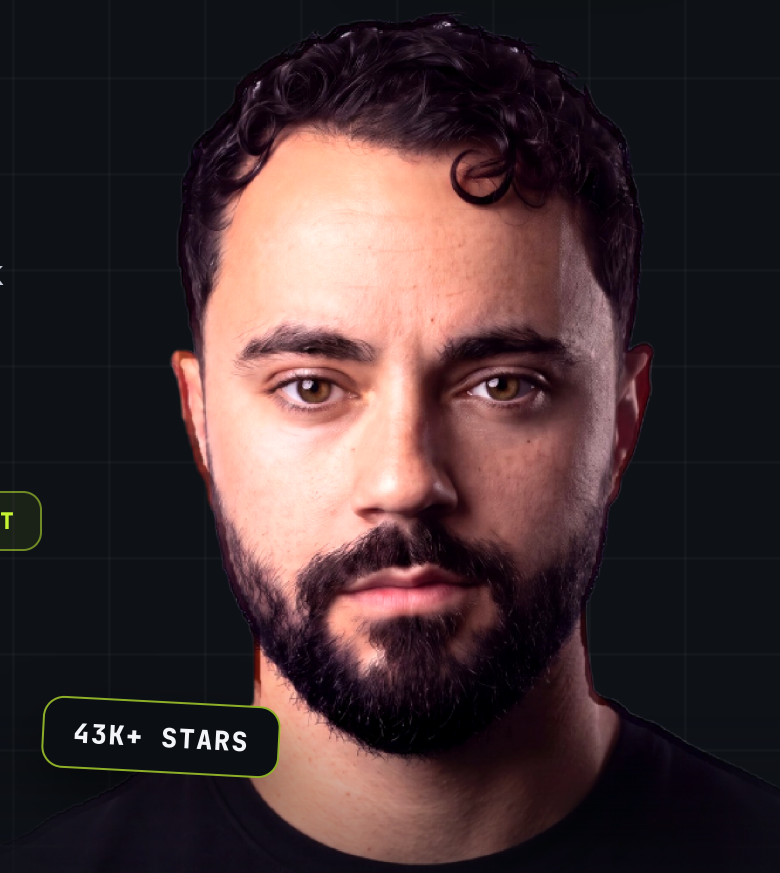
# Kronos: the free AI that reads STOCK CHARTS

An open source model trained on candlestick data from 45 exchanges. Give it a price chart and it forecasts the next candles. Free, and it runs on your own computer.

01 TRY THE DEMO

02 INSTALL

03 FORECAST




THE REPO **github.com/shiyu-coder/Kronos**

You commented STOCK. Here is the link and the full setup: the live demo, the install, getting your data, the point-and-click web app, the code, the settings, and how to read a forecast without fooling yourself. Kronos is built by its own research team (shiyu-coder/Kronos, MIT licence). I did not build it. Not financial advice.

// 02 · WHAT IT IS

# ChatGPT predicts words. Kronos predicts candles.

Kronos is a foundation model built for one language: price charts. It turns each candlestick into tokens, learns the patterns, and predicts what the next candles are likely to look like.

01
**Your chart**
Open, high, low, close and volume, one row per candle.

→

02
**Tokenizer**
Turns each candle into tokens the model can read.

→

03
**Transformer**
Pre-trained on data from over 45 exchanges.

→

04
**Forecast**
The next candles, as a table and a chart.

THE FACTS (GITHUB, OCTOBER 27, 2026)

| | |
|---|---|
| **Stars** | 43,952 on GitHub |
| **Licence** | MIT: free to use |
| **Research** | Paper on arXiv (2508.02739), accepted at AAAI 2026 |
| **Trained on** | Candlestick data from over 45 global exchanges |
| **Runs on** | Your own computer: CPU, NVIDIA GPU, or Apple Silicon |

WHO BUILT IT

Kronos is built by its own research team (shiyu-coder/Kronos, MIT licence). The repo: **github.com/shiyu-coder/Kronos**.

// 03 · START WITH THE DEMO

# See it work before you install.

The team runs a live demo that shows Kronos forecasting the BTC/USDT pair over the next 24 hours. No install, no account.

LIVE DEMO shiyu-coder.github.io/Kronos-demo

THEN DECIDE HOW YOU WANT TO RUN IT

01
### Let Claude do it
Paste one prompt into Claude Code and it installs and runs Kronos for you. Page 10.

02
### Point and click
The built-in web app: load a file, press predict, see the chart. Page 06.

03
### Write the code
Five short steps in Python if you want full control. Page 07.

WHAT YOU NEED FOR ALL THREE

- **Python 3.10 or newer.** Check in Terminal with `python3 --version`.
- **A few GB of free space.** PyTorch and the model weights download on first run.
- **A price chart as a CSV file.** At least 520 candles for the web app. Page 05 shows how to get one.

// 04 · INSTALL IT

# Four lines in Terminal.

Open Terminal (Cmd + Space, type Terminal, Enter) and run these in order.

**01** **Download it**

```
git clone https://github.com/shiyu-coder/Kronos.git
```

**02** **Go into it**

```
cd Kronos
```

**03** **Make a clean space**

```
python3 -m venv .venv && source .venv/bin/activate
```

Keeps Kronos's packages away from everything else.

**04** **Install the parts**

```
pip install -r requirements.txt
```

PyTorch, pandas and the Hugging Face tools. Takes a few minutes.

THE MODEL ITSELF

You do not download it by hand. The first forecast pulls it from Hugging Face automatically.

NEXT TIME

Open Terminal, `cd Kronos`, then `source .venv/bin/activate` before you run anything.

// 05 · GET YOUR DATA

# Kronos needs a price chart.

One CSV file, one row per candle, oldest first. Daily, hourly or 5-minute candles all work.

| | |
|---|---|
| `timestamps` | The date and time of each candle |
| `open` | Price at the start of the candle (required) |
| `high` | Highest price in the candle (required) |
| `low` | Lowest price in the candle (required) |
| `close` | Price at the end of the candle (required) |
| `volume` | How much traded (optional, helps) |

**GET THE CSV WITH CLAUDE · COPY AND EDIT** @avigrondin

```
Write and run a Python script that downloads the last 2 years of daily
candles for [TICKER, e.g. AAPL] and saves them as data/[TICKER].csv
with the columns: timestamps, open, high, low, close, volume.
Oldest row first. Tell me how many rows it saved.
```

**WHY 520 ROWS**

The web app uses a fixed window: 400 candles in, 120 candles forecast. The code version is flexible, but more history helps.

// 06 · THE POINT-AND-CLICK WAY

# The web app. No code.

Kronos ships with a web app. Start it from the Kronos folder, then open the address in your browser.

START THE WEB APP

```
cd webui
pip install -r requirements.txt
python run.py
```

THEN OPEN http://localhost:7070

01
### Load data
Pick your CSV file.

02
### Load model
Pick Kronos-small and your device. On a Mac, choose MPS.

03
### Set quality
Temperature, top-p, sample count. Page 08.

04
### Pick the window
Slide to choose the 400 + 120 candles.

05
### Predict
Press the button.

06
### Compare
Forecast against what actually happened, chart and table.

// 07 · THE CODE WAY

# Five steps in Python.

The same forecast in code, straight from the repo's own example. Run it from the Kronos folder.

forecast.py

```
import pandas as pd
from model import Kronos, KronosTokenizer, KronosPredictor

tokenizer = KronosTokenizer.from_pretrained("NeoQuasar/Kronos-Tokenizer-base")
model = Kronos.from_pretrained("NeoQuasar/Kronos-small")
predictor = KronosPredictor(model, tokenizer, max_context=512)

df = pd.read_csv("data/AAPL.csv")
df["timestamps"] = pd.to_datetime(df["timestamps"])
lookback, pred_len = 400, 120

pred = predictor.predict(
    df=df.loc[:lookback-1, ["open", "high", "low", "close", "volume"]],
    x_timestamp=df.loc[:lookback-1, "timestamps"],
    y_timestamp=df.loc[lookback:lookback+pred_len-1, "timestamps"],
    pred_len=pred_len, T=1.0, top_p=0.9, sample_count=1)
print(pred.head())
```

### THE FUTURE DATES

`y_timestamp` is the list of times you want forecast. Here they are rows 400 to 519, so you can check the forecast against real prices.

### FULL EXAMPLE

`examples/prediction_example.py` in the repo adds the chart.

// 08 · PICK A MODEL AND SETTINGS

# Small is the sweet spot.

Three models are free on Hugging Face. Start with small: it is quick on a laptop and reads 512 candles at a time.

| | |
|---|---|
| Kronos-mini · 4.1M | Fastest. Reads up to 2,048 candles. Uses Kronos-Tokenizer-2k. |
| Kronos-small · 24.7M | The balance of speed and quality. Reads up to 512 candles. |
| Kronos-base · 102.3M | Best quality of the free three. Slower. Reads up to 512 candles. |

## THE THREE DIALS (WEB APP RECOMMENDATIONS)

T · 0.1 TO 2.0

### Temperature

How much randomness. The web app suggests 1.2 to 1.5.

TOP-P · 0.1 TO 1.0

### Nucleus sampling

How many possibilities it considers. Suggested 0.95 to 1.0.

SAMPLES · 1 TO 5

### Sample count

Forecast paths averaged together. Suggested 2 to 3.

RUN IT MORE THAN ONCE

Each run samples a different path. If five runs disagree wildly, the model is telling you it does not know.

// 09 · READ IT HONESTLY

# A forecast is not a promise.

Kronos is a research model. It can be wrong, and markets move on news no chart shows. Treat it as one more input, never the whole decision.

- **Test it on the past first.** Forecast a stretch you already know the answer to, like page 07 does, and see how close it gets.
- **Look at the spread.** Several runs with sample count above 1 show you how sure it is.
- **Short horizons hold up better.** The further out the forecast, the more it drifts.
- **Never risk what you cannot lose.** Paper-trade any idea before real money goes near it.

## WHAT A CHART CANNOT SEE

01
### News
Earnings, lawsuits, a tweet. None of it is in the candles.

02
### Costs
Fees, spreads and slippage eat small predicted moves.

03
### New regimes
A market that changes character breaks old patterns.

**NOT FINANCIAL ADVICE**

This guide shows you how to install and run an open source research tool. It is not financial or investment advice, and I am not a licensed advisor. The Kronos team's own fine-tuning pipeline is labelled a demonstration, not a production trading system. Do your own research.

// 10 · LET CLAUDE RUN IT

# One prompt. Claude does the rest.

Kronos is not a Claude plugin. It is its own model. But Claude Code can install it, get your data and run the forecast for you, start to finish.

PASTE INTO CLAUDE CODE · COPY AND EDIT @avigrondin

```
Set up Kronos for me from https://github.com/shiyu-coder/Kronos

1. Clone it, make a Python virtual environment, install requirements.txt.
2. Download the last 2 years of daily candles for [TICKER] into a CSV
   with: timestamps, open, high, low, close, volume.
3. Run Kronos-small on the first 400 rows and forecast the next 120.
4. Plot the forecast against the real prices and save it as a PNG.
5. Tell me in plain words how close it was. Do not trade anything.
```

GOOD FOLLOW-UPS

"Run it 5 times with sample count 3 and show me how much the forecasts disagree."

"Do the same for the last 6 months of hourly candles instead."

01
### Watch the steps
Claude Code asks before running commands. Read them and approve.

02
### Ask why
"Explain this chart like I am new to trading."

03
### Try another
Swap the ticker, the timeframe or the model and run it again.

// 11 · THE SOFTWARE I USE

# My stack, in one place.

The tools behind my businesses. Start with the ones that fit what you build.

### HighLevel
CRM, funnels, calendars, email and SMS in one place. What I run my funnels on.
gohighlevel.com →

### HighLevel SaaS Pro
The HighLevel upgrade that lets you resell it to clients under your own brand.
gohighlevel.com/saasupgrade →

### Close
A sales CRM with calling, email and SMS built in.
close.com →

### n8n
Workflow automation that connects your apps, with AI steps.
n8n.io →

### Higgsfield
AI image and video generation.
higgsfield.ai →

### Arcads
AI video ads with AI actors, UGC style.
arcads.ai →

### Foreplay
Save and organise winning ads for creative research.
foreplay.co →

### Dripify
LinkedIn outreach on autopilot.
dripify.io →

### Webflow
A visual website builder with hosting.
webflow.com →

### PandaDoc
Proposals, contracts and e-signatures.
pandadoc.com →

### monday.com
Projects, tasks and team workflows.
monday.com →

### OnlineJobs.ph
Hire full-time remote team members from the Philippines.
onlinejobs.ph →

### Coach Financing
Offer your clients financing for coaching and programs.
coachfinancing.com →

Some of these are affiliate links: if you sign up through them I may earn a commission, at no extra cost to you. I only list tools I use or have used in my businesses.

// 12 · WHAT NEXT

# Kronos reads the market. I build businesses with AI.

I use AI to build and run lead generation businesses. If you want to do the same, there are two ways to work with me.

OPTION 1 · THE COMMUNITY

## Join my Skool community

Pay Per Lead Academy

**Stop chasing clients. Start building a lead generation business.**

- Pick a niche
- Run Meta and Google ads
- Find lead buyers and price your leads
- Automate delivery and tracking

Join on Skool →

skool.com/pay-per-lead-academy-3593

OPTION 2 · DIRECT

## Book a call with me

1 on 1 with Avi Grondin · 60 minutes

**One hour. Your business. My full attention.**

- A deep dive into your specific business
- Your niche, your ads, your lead buyers
- A straight read on your numbers
- Your next best moves

Book your call →

Tap the button or scan the code

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