

OSIRISBORN STUDIO • LEARNING PACK



# Local Models

AI on your own machine: private, free to run, always available. Installed, tested, and wired into real work. Plain English, honest at every step.

TWENTY-FOUR MODULES • WORKBOOK • MODEL TEST KIT • WEEKEND BUILD • HARDWARE CARD  
• CHEAT SHEET

LOCAL MODELS • COMPLETE EDITION

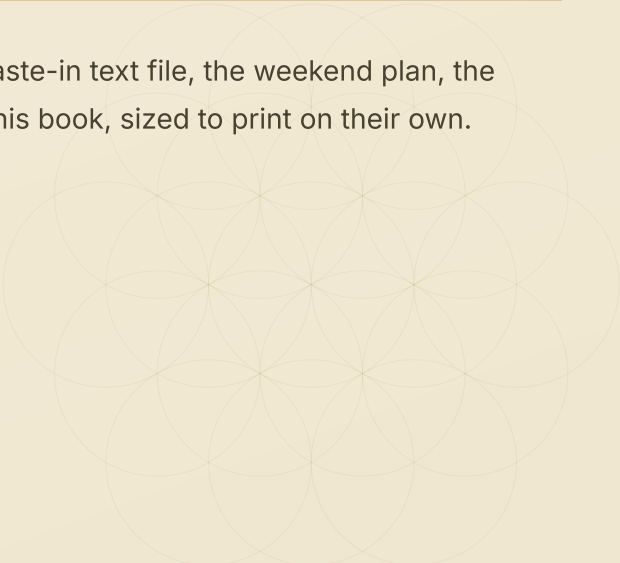
— COMPLETE EDITION

# In this volume

Everything from the Local Models pack, bound in working order. Read the handbook front to back, or let the Weekend Build on page 90 run the whole install for you. The workbook’s ruled pages are made to be written in.

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| 01 | PAGE 04 | <b>The Handbook</b> · The complete course: twenty-four modules across six parts, plus the glossary |
| 02 | PAGE 62 | <b>Exercise Workbook</b> · Eighteen exercises with space to work and pass bars to check against    |
| 03 | PAGE 82 | <b>Model Test Kit</b> · Ten standard probes and the scorecard, so every model faces the same exam  |
| 04 | PAGE 90 | <b>The Weekend Build</b> · Two mornings: Saturday installs and proves, Sunday wires it in          |
| 05 | PAGE 93 | <b>Hardware Card</b> · Your memory tier and what runs at it, on one page                           |
| 06 | PAGE 94 | <b>Cheat Sheet</b> · The daily moves and the guardrails, two pages                                 |
| 07 | PAGE 96 | <b>Notes</b> · Ruled pages for scorecards and settings along the way                               |

Digital copies of the workbook, the test kit with its paste-in text file, the weekend plan, the hardware card, and the cheat sheet ship alongside this book, sized to print on their own.



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— START HERE

# How to use this pack

This pack is for you if you want AI that is entirely yours: on your own machine, off other people's servers, free to work on material that could never go near a website. It assumes no technical background: just a reasonably recent computer and the patience to follow steps. By the last page a private assistant runs on your own hardware, and you understand it well enough to look after it.

Work through it in order if you can: Part One makes the honest case, Part Two teaches how the thing works (twenty minutes that make every later choice obvious), Part Three installs it, and Parts Four onward wire it into real work. But it is also a book for raiding: if the install itch is unbearable, go straight to Module 08, and the modules say so when they lean on an earlier one.

**You do not need to be technical. You need one afternoon and the machine you already own.**

## What is in the pack.

- This handbook: twenty-four modules, from the case for local to a running private assistant.
- The Model Test Kit: ten standard probes and a scorecard, with a plain-text working copy, so every model faces the same exam.
- An exercise workbook that turns the reading into a working setup on your own machine.
- A hardware card for your memory tier, a weekend build plan, and a cheat sheet for beside the keyboard.

**The running thread.** Every model faces the same ten probes, every setting gets written down, and by Part Six you could rebuild the setup from your notes in an hour.

One honest note: the model shelf changes monthly. Everything here teaches by role and fit rule, so the book outlives the catalogue.

## Module 01

# What local actually means

Strip the mystique first. The AI you have used in a browser lives in a datacentre and answers down a wire. This pack is about the same kind of machine downloaded whole onto the computer in front of you: one file, one program to run it, and every word you type staying on your own disk.

## The same species, moved in

A local model is not a toy version of a different thing; it is the same kind of thing. A language model learned patterns from an ocean of text, and it produces fluent words one after another, brilliant with language and owning no judgement, exactly as the cloud ones do. If that sentence is new to you, the AI Foundations pack explains the machine from the ground up; this one needs only the gist. What changes is geography. The cloud model runs on racks of machines you will never see, and your words travel to it. A local model is a single file of those learned patterns, sitting on your own drive, run by a program on your own processor. Part Two opens that file up properly; for now, hold the one fact that changes everything else: the intelligence is a file, and files can be yours.

## Nothing leaves. Nothing.

Every privacy promise you have ever read was a policy: words about what a company intends to do with your data. A local model's privacy is not a policy, it is physics. There is no account, no upload, and no server; the conversation happens between your keyboard and your own processor. The proof is beautifully blunt, and you will run it yourself in Part Three: switch the internet off, and the assistant keeps answering. Material you would never let near a browser, the client file, the medical letter, the unfinished manuscript, can be worked on freely, because there is no journey on which it could leak.

## The three wins

Private is the headline, but it travels with two quieter wins. Free to run: once the model file is on your disk, there is no subscription and no per-use meter, just electricity; heavy users stop watching a usage bar. And always available: on the train, in the dead spot, in the power cut with a charged laptop, the assistant works, because nothing it needs is anywhere else. Three wins, one cause. Everything is on your machine, so nobody can charge you for it, read it, or take it away.

## What it costs you

The honest ledger has a debit side, and the next module is spent entirely on the big entry: the models that fit on your machine are smaller and blunter than the giants in the datacentres. The smaller entries: model files eat disk space by the tens of gigabytes; your machine does the work, so long jobs make fans spin; and you are the IT department now, which Part Five turns out to be about twenty minutes a month. If those trades sound acceptable, the rest of the book is the manual. If you only wanted the frontier at any privacy price, the cloud packs are the better home.

### SEE IT FOR YOURSELF

No install yet, just a list. Write the three pieces of work you would hand an assistant tomorrow if privacy stopped being a question: the file, the letter, the notes you have never typed into a website. That list is what Part Four wires in.

### RECAP • YOU CAN NOW

- ☒ Say what a local model is: the same kind of machine, downloaded whole, running on your disk.
- ☒ Name why its privacy is structural: no account, no upload, no server, provable offline.
- ☒ Hold the ledger honestly: private, free to run, always available, in exchange for the gap and some housekeeping.



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# Your machine. Your AI.

Cloud AI reads everything you type and can change under you overnight. This pack puts the same kind of machine on your own computer instead: installed through either of two free doors, chosen by an honest fit rule, tested against ten standard probes, wired to your own documents in a fully private filing cabinet, and maintained in twenty minutes a month. Twenty-four short modules, honest about the trade at every step.

- ◆ The twenty-four-module course
- ◆ The exercise workbook
- ◆ The model test kit, with a paste-in copy
- ◆ The weekend build plan
- ◆ The hardware card and cheat sheet

Osirisborn Studio builds software, games, and practical AI tools. In-person and team training on any topic in this collection is available on request.

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