Episode 6 — Due Diligence Week

Programming with Python · Tutorial 06

The investor is finally in the shop, clipboard out, asking to see real numbers by the end of the week. Tobi proposes going "on vibes"; her expression does not change. So this week you stop hand-rolling arithmetic and reach for Python's **standard library**: you'll `import math` and `statistics` for professional-grade counts and averages, then use `random` to *rehearse* next week's demand. You'll also learn why a projection you can run twice, and get the same answer, is one an investor can trust. It's also the first notebook where **AI tools are allowed**; the checks still only go green on code that actually runs.

Work on the notebook

Open in browser [?] Open in molab

Open in browser (recommended): runs entirely on your machine, in this tab: no account, no installation, and after it loads no internet is needed.

> ! How your work is saved (read this once)
>
> Your progress lives **in this browser tab**. If you **reload** the page (Cmd/Ctrl + R) your work is still there. But if you **close the tab and open the link again later, you start from a clean notebook**. There is no cross-device sync in the browser, and clearing browser data or private mode also wipes it.
>
> So: **download your `.py` before you leave** (menu → Download → *Download Python code*). That download is the *only* guaranteed copy. Handing in files works exactly like this in the checkpoints, so you get to practice the motion every week. Note: a downloaded `.py` is for submission and backup. You can't upload it back into the browser editor.

Open in molab: marimo's free cloud (account required). Your copy saves to your account and reopens on **any device**. Choose this if you know you'll switch computers or want to be certain nothing is lost. Optional: nothing graded ever requires it.