

From Jewelry to Everything: The Universal Pipeline

The infrastructure is universal. Vary the prompts per category, not the pipeline.



The Zero-Cost Value Hack

The most valuable feature has zero AI cost. Platform-aware crops and text cards are pure server-side rendering.

AI Images (Gemini Cost)



Upload

Text Cards (\$0 Cost)

Cozy Leather Bag

- Handmade!
- Super Soft~

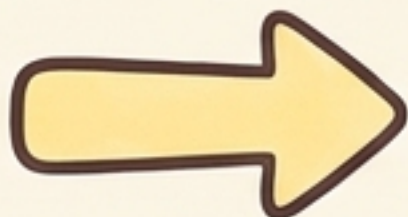
Price:
300 Coins

Cute text layout about dimensions:
32 x 16 cm

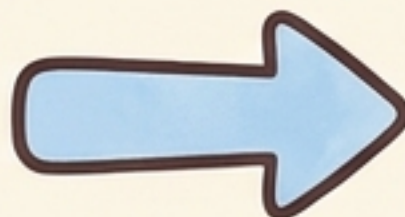
- Materials
- Materials
- Materials
- Classic

Shop Now! ❤️

React JSX
(Layout)



Satori
(SVG conversion)



Sharp
(Auto-crop to PNG)



Conceptual Generalization

The AI generalizes the underlying concept (deconstruct materials) even when the specific domain changes!

Constellation
Template



Translating:
Museum Vitrine
to Design Studio
Palette



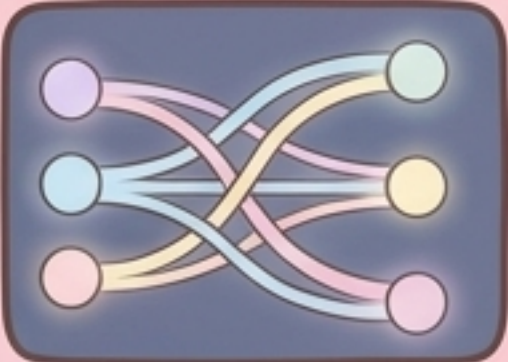
The Digital Leap: Text-to-Visual

Text-to-Abstract Pipeline



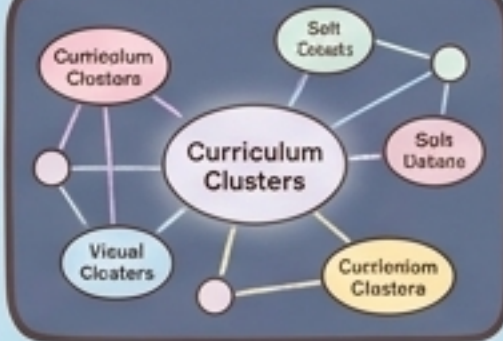
Python Data Analysis Course

Hero Card



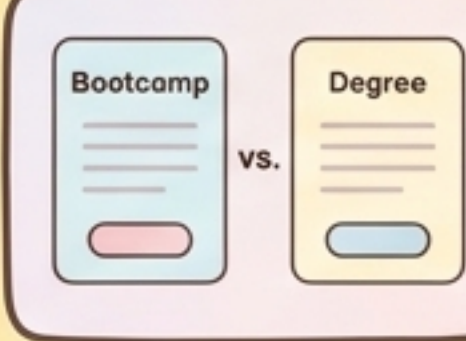
Concept Art

Constellation Card



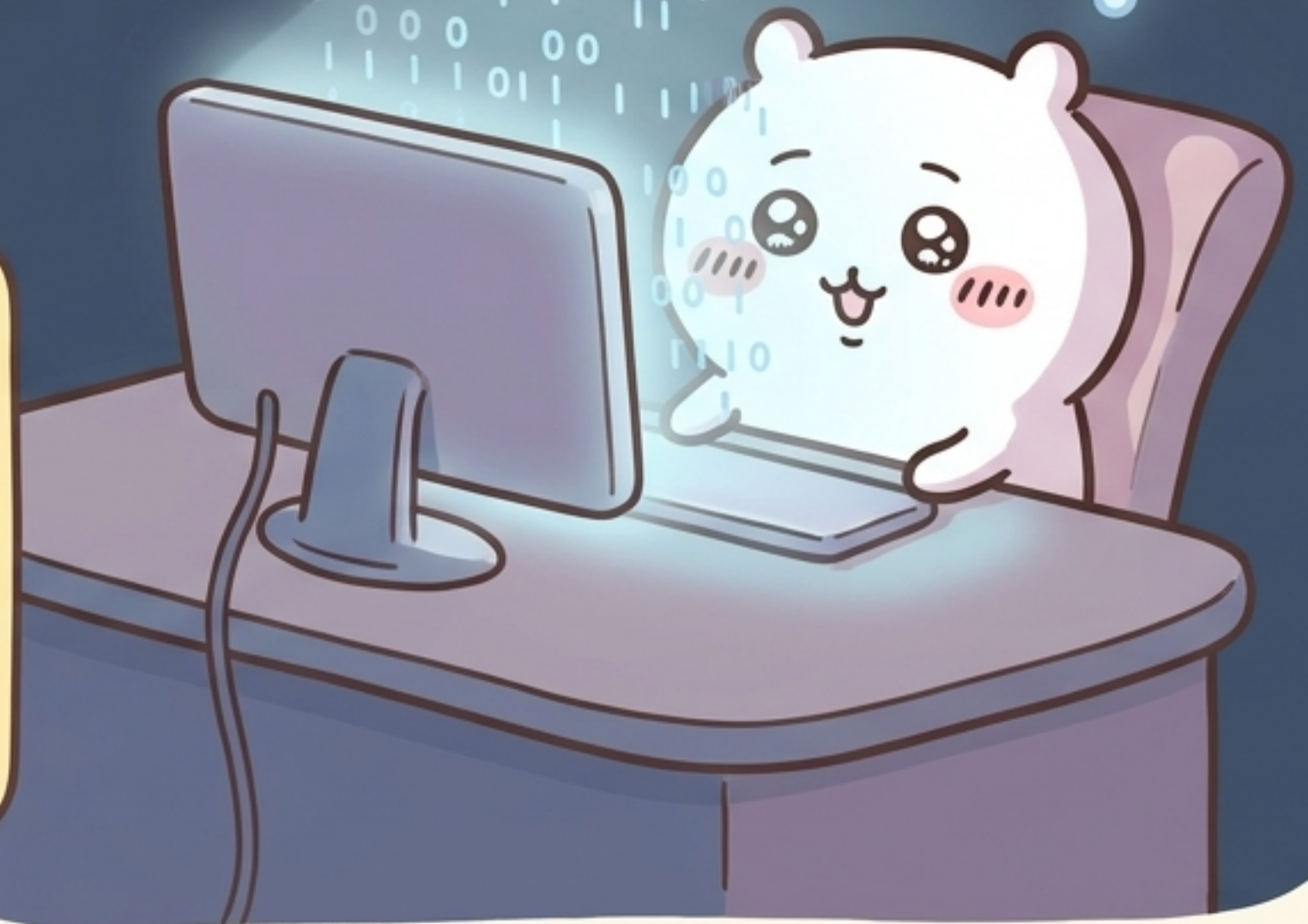
Constellation Card

Size Reference



Size Reference

No photo required.
The digital domain uses textual
analysis to give the AI artistic
freedom for abstract,
striking results.





Reality Check & Unit E conomics

Move compute to the client (video rendering).
The margins are healthy enough to fund growth while saving merchants 90%.



The Bugs

FFmpeg.wasm Race Conditions

Explicit awaits needed for client-side video export.

Stale Zustand Closures

React callbacks capturing old states caused the 33% freeze.

The Economics

Revenue: 99 RMB

Cost: Negligible API tokens + \$0 Video/Cards

Replacement Value: 1,100–3,100 RMB