eBay Listing Automation

End-to-end listing pipeline: AI generates titles, descriptions, pricing. 500+ listings, $15K sales in 30 days.

Python · eBay API · Multi-AI Vision · OAuth 2.0

$15K Sales in 30 Days

Manual Listing Is a Revenue Bottleneck

⚠ 15 Min Per Listing

Title, description, specs, pricing, photos—each listing is 15 minutes. At 500 items, that's 125 hours of data entry.

⚠ SEO Is a Guessing Game

eBay search rewards specific keywords and item specifics. Most sellers guess wrong and wonder why items don't sell.

⚠ Pricing Is Emotional

Sellers overprice from attachment or underprice from impatience. Neither is based on market data.

⚠ Quality Degrades at Scale

Listing #1 is polished. Listing #500 is two sentences. Fatigue kills quality—and sales.

eBay Is a $73B Marketplace

$73B

eBay's gross merchandise volume in 2024

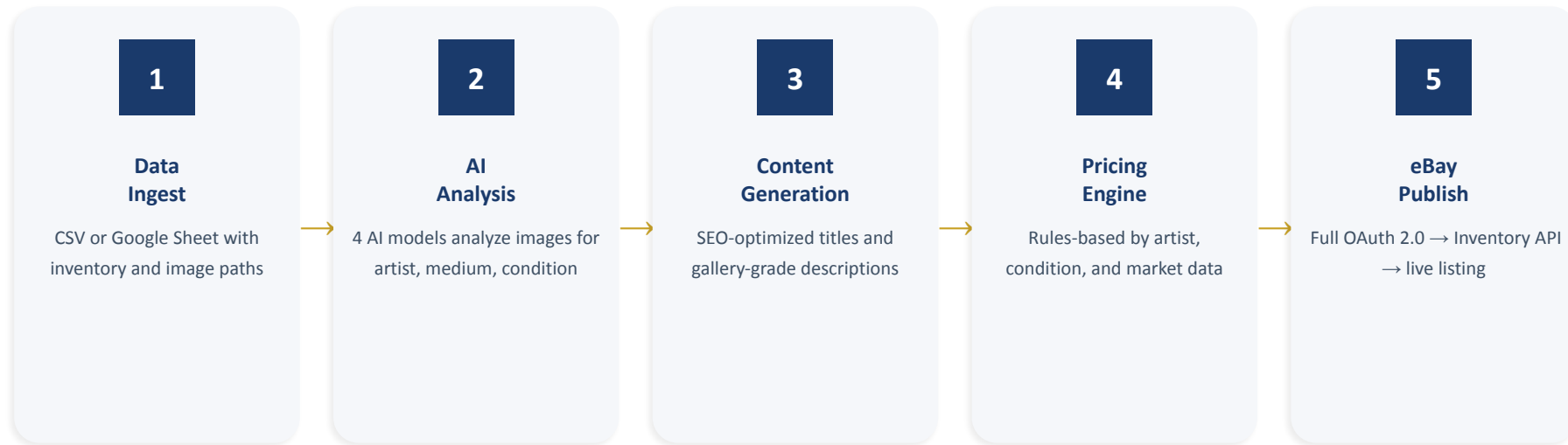## 132M

Active buyers on eBay globally

100x

Speed: seconds per listing vs. 15 minutes

Professional eBay sellers manage 500–50,000 SKUs. At 15 min each, listing creation is the largest time cost in the business. Automate this and you unlock scale.

From Spreadsheet to Live Listing in Seconds

1

**Data
Ingest**

CSV or Google Sheet with inventory and image paths

2

**AI
Analysis**

4 AI models analyze images for artist, medium, condition

3

**Content
Generation**

SEO-optimized titles and gallery-grade descriptions

4

**Pricing
Engine**

Rules-based by artist, condition, and market data

5

**eBay
Publish**

Full OAuth 2.0 → Inventory API → live listing

Multi-AI consensus on image analysis catches errors that single-model systems miss—critical for accurate item specifics.

The Complete Listing Machine

■	**Multi-AI Vision**	4 models identify artwork attributes
■	**SEO Titles**	Keyword-optimized for eBay search
■	**Gallery Descriptions**	Professional, consistent quality
■	**Dynamic Pricing**	Market-aware pricing engine
■	**Direct API Push**	Full eBay OAuth + Inventory API

TECH STACK

AI MODELS
GPT-4V, Claude, Gemini, Grok

API
eBay Inventory API (OAuth 2.0)

CONTENT
SEO titles + gallery descriptions

PRICING
Rules engine + market data

THROUGHPUT
~10 sec/listing

Revenue Velocity, Unlocked

$15K
Sales generated in first 30 days

500+
Listings created via automation

100x
Speed (10 sec vs. 15 min per listing)

140
Portfolio views—highest engagement project

500 listings at 15 min each = 125 hours. Automated: under 90 minutes. 123 hours returned to strategy.

eBay Listing Automation proves the highest-ROI AI isn't the flashiest—it's the automation that removes the most hours of repetitive work from a real business.

API Engineering

Full OAuth 2.0 + eBay Inventory API

AI Orchestration

4-model consensus for accuracy

Business Impact

$15K revenue, 100x speed gain