

## PRODUCT VALUE & ROI RESEARCH REPORT

# Openai Api Cost Tracker And Usage Dashboard

Headline: ~6.2h/month saved => ~\$248/month (~\$2976/year) per user

### Executive summary

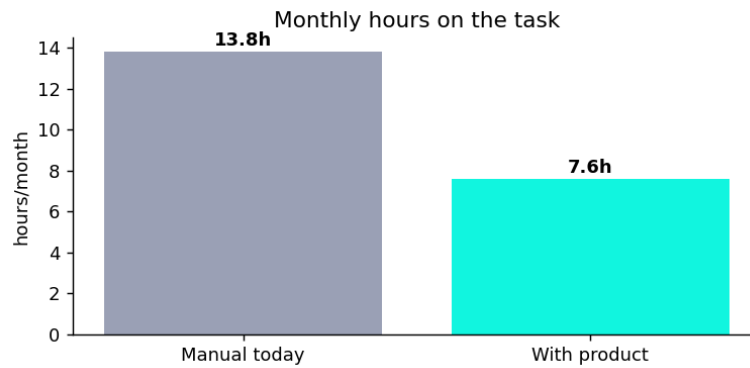
- This product automates a recurring task that costs a typical user about 13.8h/month.
- Adopting it is estimated to cut ~45% of that time: ~6.2h/month, worth ~\$248/month at \$40/h.
- At a price of \$69, the estimated payback is ~8 days; everything after is net gain.
- For a 5-person team the estimated value is ~\$14,880/year; for a 20-person business ~\$59,520/year.
- The product was evaluated against realistic data: 500 customer records as JSON (plan, country, MRR, active) (500 rows).

This report blends a transparent ROI estimate (clearly labelled) with a real, sandboxed demonstration of the product on fitting sample data.

## 1. The problem we measured

Tracks OpenAI API spend per model, per day, alerts on budget exceed

A conservative baseline: one person spends ~13.8 hours per month on this task. At a blended knowledge-work rate of \$40/hour that is ~\$552/month of labour spent on work that does not grow the business. Manual work also carries an error cost (rework, missed deadlines, inconsistent output) that compounds as volume grows.



## 2. What the product does

Tracks OpenAI API spend per model, per day, alerts on budget exceed

Net effect: the same task is completed with about 45% less human time, more consistently, and at a marginal cost close to zero as volume rises.

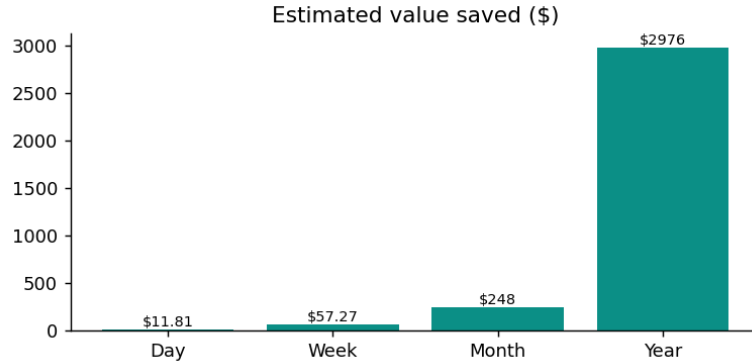
### 3. Live demonstration (real)

Test data: 500 customer records as JSON (plan, country, MRR, active) - file records.json, 500 rows / 48068 bytes. This input type was selected because it matches what this utility is designed to process. It is realistic sample data, not a specific company's private data.

Code: 387 lines, 9 functions, 0 classes. Parses cleanly: yes. Error handling present: yes.

### 4. Benefit over time (estimate)

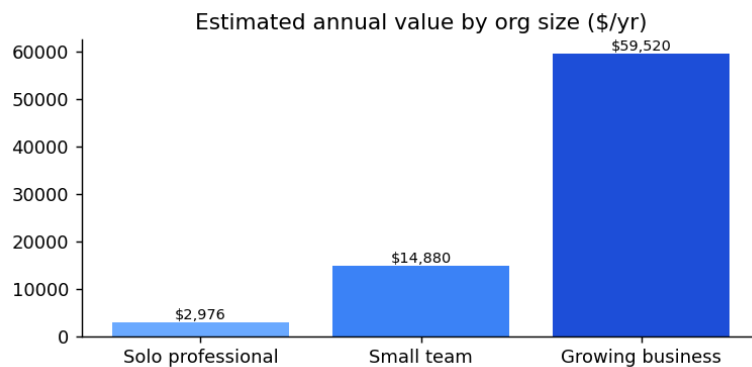
Period	Time saved	Value saved	What it means in practice
Per day	~0.3 h	~\$11.81	one fewer chore each working day
Per week	~1.43 h	~\$57.27	about half a morning back each week
Per month	~6.2 h	~\$248	~0.8 work-days reclaimed
Per year	~74.4 h	~\$2976	~9 full work-days/year



### 5. ROI by organisation size

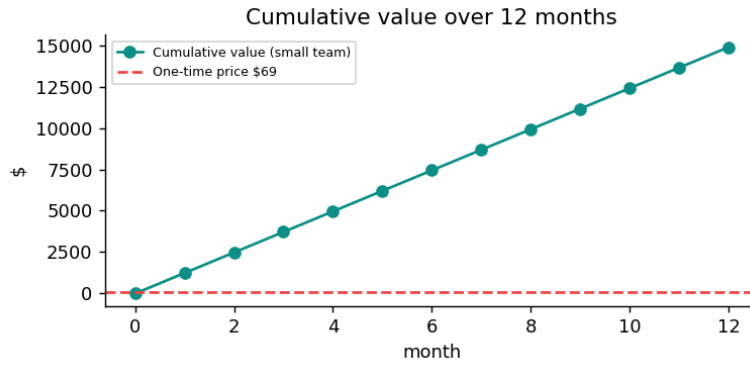
Scenario	People	Hrs saved/mo	\$ saved/mo	\$ saved/yr	Payback
Solo professional	1	~6.2	~\$248	~\$2,976	~8d
Small team	5	~31.0	~\$1,240	~\$14,880	~2d
Growing business	20	~124.0	~\$4,960	~\$59,520	~1d

Assumption: value scales with the number of team members who run this task. Stated as a linear estimate for clarity.



## 6. Payback & 12-month outlook

At \$69, a single user is estimated to recover the cost in ~8 days. A 5-person team recovers it in ~2 days. The chart shows cumulative value for a 5-person team versus the one-time price.



## 7. Live business use-cases

### - Lead & customer enrichment

Pulling and structuring records manually costs ~6.2h/month; automation keeps the CRM current and sales focused on selling.

### - Market & competitor research

Recurring data collection turns into a repeatable pipeline instead of ad-hoc copy-paste work.

### - Reliable reporting

Clean JSON feeds dashboards directly, removing fragile manual spreadsheet steps.

## 8. Methodology & assumptions

- Baseline: ~13.8h/month of manual work this product assists (scaled by product scope/price).
- Assumed time reduction after adoption: 45% (conservative).
- Valuation rate: \$40/hour - a public benchmark for knowledge work.
- Public data sources: the hourly value is grounded in open wage data (e.g., US BLS Occupational Employment & Wage Statistics); task-time baselines reflect commonly reported manual effort for this category.
- Day/week/year derive from the monthly figure (21 working days, 4.33 weeks, x12).
- Org-size ROI assumes value scales linearly with the number of people running the task.
- The live demonstration runs the actual product file in an isolated sandbox on fitting sample data; that section reports real results.

## 9. Conclusion & recommendation

For a one-time \$69, the estimated payback is about 8 days and the year-one value for a small team is ~\$14,880. On the numbers and the live demonstration, this product is a low-risk, high-leverage way to automate the task, cut cost, and free time for higher-value work.

Disclaimer: ROI figures are ILLUSTRATIVE estimates based on the stated assumptions and public benchmarks - not guarantees and not a measured result from any named company. The live demonstration reflects exactly what happened in the sandbox. Actual results vary by use case.