CLOUD STORAGE OPTIMIZER

Optimize your cloud storage costs

Analyze storage reports to identify old files, duplicates, and cost-saving opportunities.

Drop your JSON file here

or click to browse

Use Sample Data

Need help? Read the guide

What we analyze

Old Files

Files not accessed in 6+ months that can be moved to cheaper storage tiers.

Duplicates

Identical files wasting space across your directories and buckets.

Cost Savings

Calculate potential monthly savings from optimization opportunities.

Don't have a JSON file?

Download our scanner script to automatically generate one from your local storage

Python Script

Works on all platforms

Requires: Python 3.6+

Download Python Version

Node.js Script

For JavaScript developers

Requires: Node.js 14+

Download Node.js Version

How to use:

1. Download your preferred script
2. Run: `python generate_report.py` or `node generate_report.js`
3. Enter the path to scan
4. Upload the generated JSON file here

View Detailed Guide

Analysis Results

Here's what we found in your storage

← Analyze New Files

Download Report

CSV Format
Detailed file list for spreadsheets
Open with Excel or Google Sheets

Text Summary
Overview report with recommendations

TOTAL STORAGE
12.27 GB

TOTAL FILES
27

OLD FILES
18
Not accessed in 6+ months

DUPLICATES
5

SPACE SAVINGS
2.52 GB
Can be freed up

POTENTIAL SAVINGS
$0.19/mo

Storage by File Type

Distribution of your files across different categories

Breakdown:

Backup	5.56 GB	45.3%
Video	4.69 GB	38.2%
Log	780.00 MB	6.2%
Code	750.00 MB	6.0%
Image	526.00 MB	4.2%
Document	12.00 MB	0.1%

Quick Wins

- ✓ Move 18 old files to Glacier storage
- ✓ Remove 5 duplicate files

$ Total potential savings: $0.19/mo

File Analysis (18 files)

Filter: With Savings (18) | Quick Sort: $ By Cost Savings | By Space Savings

Name ↑	Size	Last Modified	Type	Status	Recommendation	Savings
access_logs_Q2_2022.log	200.00 MB	Jul 1, 2022	LOG	Old	Move to Cold Storage	$0.00/mo
backup_2023_copy.zip	500.00 MB	Mar 20, 2023	BACKUP	Old	Move to Cold Storage	$0.01/mo
backup_2023.zip	500.00 MB	Mar 15, 2023	BACKUP	Old Duplicate	Delete (Old + Duplicate)	$0.01/mo
backup_full_jan2022_v2.zip	1.00 GB	Jan 12, 2022	BACKUP	Old	Move to Cold Storage	$0.02/mo
backup_full_jan2022.zip	1.00 GB	Jan 10, 2022	BACKUP	Old Duplicate	Delete (Old + Duplicate)	$0.02/mo
budget_2022_final.xlsx	4.00 MB	Dec 31, 2022	DOCUMENT	Old	Move to Cold Storage	<$0.01/mo
debug_logs_archive.zip	400.00 MB	Feb 14, 2022	LOG	Old	Move to Cold Storage	$0.01/mo
error_logs_2021.log	150.00 MB	Oct 31, 2021	LOG	Old	Move to Cold Storage	$0.00/mo
legacy_codebase_v1_backup.zip	350.00 MB	May 21, 2021	CODE	Old	Move to Cold Storage	$0.01/mo
legacy_codebase_v1.zip	350.00 MB	May 20, 2021	CODE	Old Duplicate	Delete (Old + Duplicate)	$0.01/mo
office_photos_batch_2021.zip	300.00 MB	Dec 20, 2021	IMAGE	Old	Move to Cold Storage	$0.01/mo
onboarding_video_2021.mp4	500.00 MB	Sep 1, 2021	VIDEO	Old	Move to Cold Storage	$0.01/mo
product_demo_v1_backup.mp4	700.00 MB	Jun 11, 2022	VIDEO	Old	Move to Cold Storage	$0.01/mo
product_demo_v1.mp4	700.00 MB	Jun 10, 2022	VIDEO	Old Duplicate	Delete (Old + Duplicate)	$0.02/mo
system_backup_2021.tar.gz	2.00 GB	Nov 5, 2021	BACKUP	Old	Move to Cold Storage	$0.04/mo
team_meeting_rec_march2022.mp4	900.00 MB	Mar 22, 2022	VIDEO	Old	Move to Cold Storage	$0.02/mo
team_photo_2022_copy.jpg	8.00 MB	Jul 15, 2022	IMAGE	Old	Move to Cold Storage	$0.00/mo
team_photo_2022.jpg	8.00 MB	Jul 14, 2022	IMAGE	Old Duplicate	Delete (Old + Duplicate)	$0.00/mo

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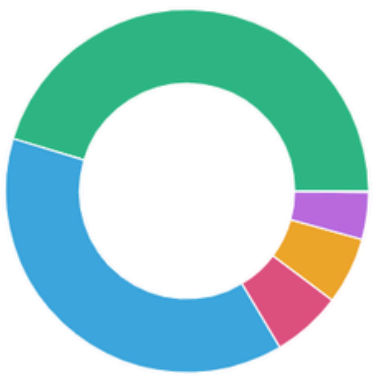
Storage by File Type

Distribution of your files across different categories



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Quick Wins

- ✓ Move **18** old files to Glacier storage
- ✓ Remove **5** duplicate files

$ Total potential savings: **$0.19/mo**

How It Works

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What can be analyzed

- ✓ Files on your computer (C:\, D:\, etc.)
- ✓ Synced cloud folders (Google Drive Desktop, Dropbox, OneDrive)
- ✓ External drives (USB, hard drives)
- ⊗ Cloud-only files without local sync (requires workaround)

Quick Start Guide

1. **Download the Script**
   Choose Python or Node.js version based on what you have installed
2. **Open Command Prompt (Windows) or Terminal (Mac/Linux)**
   Windows: Press Win+R, type "cmd", press Enter
3. **Navigate to Script Location**
   ```
   cd C:\Users\YourName\Downloads
   ```
4. **Run the Script**
   ```
   node generate_report.js
   ```
   or
   ```
   python generate_report.py
   ```
5. **Enter Folder Path**
   Example: D:\Documents or C:\Users\YourName\Google Drive
6. **Upload JSON to Analyzer**
   Upload the generated storage_report.json file

For Cloud Storage Users

Google Drive

Option 1: Google Drive Desktop

1. Install from google.com/drive/download
2. Wait for sync to complete
3. Run script on G:\ or Google Drive folder

Option 2: Google Takeout

Dropbox

Use Dropbox Desktop app — files sync automatically to your local folder and are ready to scan

OneDrive

Built into Windows, your files are already synced locally:

```
C:\Users\YourName\OneDrive
```

Google Photos

⚠ No Desktop Sync

Use Google Takeout:

1. Go to takeout.google.com
2. Select "Google Photos"
3. Export & download ZIP
4. Extract & run script

FAQ

Do I need to install Python or Node.js?	Yes, you need one of them installed to run the script. Python is usually pre-installed on Mac/Linux. On Windows, download from python.org or nodejs.org.
Is my data sent to your servers?	No! The script runs locally on your computer. Only the JSON file (metadata only — no actual file content) is uploaded for analysis. Your files never leave your machine.
Can I analyze cloud storage directly?	Currently, you need to sync files locally first. Direct cloud integration (S3, GCS, Azure Blob) is planned for a future version.

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Analyze. Optimize. Save.

נשארתם סקרנים? בואו נבדוק כמה אתם יכולים לחסוך.

הלינק:

cloudstorageoptimizer.netlify.app