

Public API & Data Services Catalog

Master edition — all domains · companion to the BDT Dashboards API page

Compiled June 9, 2026 · free tiers listed first · expanded across 50+ categories · supersedes earlier versions

What this is. A working map of public API & data services across markets, finance, government, world data, education, healthcare, agriculture, energy, automotive, weather, animals, tech, media, news, and social. Free/freemium services are listed first in each section; paid-only providers follow.

Status column. “In use” (green) = already wired into your dashboard. “Available” = public service you could add (your delta). Nearly everything in Parts II–IV is net-new.

Caveat. Free-tier limits and prices change often, and many free tiers prohibit commercial use or require attribution. Verify each provider’s current terms before wiring it in.

Fastest to wire — no API key required (keyless)

weather.gov, Open-Meteo, REST Countries, World Bank, Federal Register, USAspending, FDIC BankFind, NHTSA vPIC, GBIF, TVmaze, npm, PyPI, Hacker News, Frankfurter (FX), Wikipedia, DeFiLlama, mempool.space, Alternative.me, NASA (DEMO_KEY), USGS Earthquakes, USGS Water, FEMA OpenFEMA, Open Food Facts, Open Library, Met Museum, Library of Congress, MusicBrainz, NVD CVE, Free Dictionary, Nager.Date holidays, Sunrise-Sunset, Census Geocoder, Hacker News. These return data with zero signup — ideal for quick dashboard tabs.

Contents

Part I — Markets & Finance

Crypto market data · Crypto exchanges & derivatives · On-chain & blockchain analytics · Equities & multi-asset market data · Banks & financial institutions · FX / currency · Real estate & property

Part II — Economy, Government & World

Macro & economic data · Government & public open data · Government & politics · World data / population / geography · World organizations · Embassies / travel / diplomacy

Part III — Sectors

Education · Healthcare · Agriculture / food / grain / crops · Energy / electrical grids / pipelines / oil · Automotive / OEM / vehicles · Weather & climate · Animals / pets / veterinary / wildlife

Part IV — Tech, Media, Social & Meta

Tech / software / cloud · Media / TV / entertainment · News & sentiment · Social / knowledge / community · AI / research · Meta — API directories & dataset catalogs

Part V — Public Service, Libraries & Culture

Libraries & archives · Books & literature · Museums & art

Part VI — Whole-of-Government (expanded)

Federal services & programs · U.S. fiscal & national debt · State & local / Washington DC · International government & statistics

Part VII — Science, Space & Environment

Space & astronomy · Environment, climate & disasters · Geospatial / maps / geocoding

Part VIII — Industry & Commerce

E-commerce & products · Travel & places · Food, recipes & nutrition · Jobs & labor market · Legal, courts & patents · Logistics, shipping & postal · Sports & odds · Nonprofits & charity

Part IX — Connectivity, Security & Lifestyle

Cybersecurity & threat intel · IP, networking & domains · Telecom & broadband · Language, dictionary & translation · Time, holidays & calendar · Music & audio · Fitness & wearables

Part I — Markets & Finance

Crypto market data (prices, market cap, OHLCV)

Service	Free tier	Paid (entry)	Best for / notes	Status
CoinGecko	Demo ~10k calls/mo, 30/min	Commercial ~\$35/mo+	Broadest market coverage + DEX (GeckoTerminal)	In use
GeckoTerminal	Free DEX pools	Part of CoinGecko paid	Trending/new DEX pools, 120+ chains	In use
CryptoCompare / CoinDesk Data	Keyless news + basic market	Tick-level paid	300+ exchanges; CADLI BTC index	In use
Alternative.me	Free, keyless	n/a	Crypto Fear & Greed Index	In use
CoinMarketCap	Basic 10k credits/mo, latest only	Hobbyist ~\$29 → Pro \$699/mo	9,000+ assets, history to 2013	Available
CoinPaprika	Free real-time	Historical paid	Adds social-activity metrics	Available
CoinCodex	Free beta, market + history	Commercial paid	Top free pick 2026, non-commercial	Available
Messari	Narrow free tier	Research/institutional paid	Token unlocks, protocol economics	Available
CoinAPI	Limited free	Institutional paid	Exchange-grade tick feeds	Available

Crypto exchanges & derivatives

Service	Free tier	Paid (entry)	Best for / notes	Status
Coinbase / Advanced Trade	Free public	n/a	Spot bid/ask, reference pricing	In use
Coinbase International	Free public	n/a	~246 perp markets, funding	In use
OKX	Free public	n/a	Funding, open interest, long/short	In use
Deribit	Free public	n/a	DVOL implied vol, options	In use
Binance	Free public	n/a	Low-latency spot/margin/futures	Available
Kraken	Free public	n/a	Single-exchange market data	Available
CoinGlass	Free metrics	Paid	Funding, OI, liquidation heatmaps	Available

On-chain & blockchain analytics

Service	Free tier	Paid (entry)	Best for / notes	Status
DeFiLlama	Free, no key	n/a	TVL, protocols, stablecoins, bridges, yields	In use

Service	Free tier	Paid (entry)	Best for / notes	Status
Etherscan (+ explorers)	Free w/ key	Paid	Blocks, txs, balances per chain	In use
blockchain.info	Free	n/a	BTC volume, addresses, hashrate	In use
mempool.space	Free	n/a	Whale txs, pools, fees, Lightning	In use
bitinfocharts	Free	n/a	Whale vs non-whale supply	In use
Blockchair	Free tier	Paid	Multi-chain 24h stats, largest txs	In use
Coin Metrics (Community)	Free community tier	Pro paid	ETH addresses, supply, network	In use
Santiment	Free limited	Paid	Dev activity, active addresses, social	In use (partial)
Dune Analytics	Free w/ rate limits	Paid	Custom SQL dashboards, many chains	Available
Glassnode	Free basic charts	Institutional paid (+MCP)	SOPR, MVRV, cohort, entity-adjusted	Available
Nansen	Paid	Subscription	Smart-money wallet labels, flows	Available
CryptoQuant	Free basic	Paid	Exchange flows, miner data	Available
Moralis	Free Starter (limited CU)	Paid	Multi-chain wallet/token/NFT	Available
Covalent / GoldRush	14-day trial, 25k credits	Paid	Unified API, 200+ chains	Available
The Graph	Free queries w/ limits	Usage-based	Decentralized indexing (subgraphs)	Available
Bitquery / Mobula	Free community / free key	Paid	GraphQL on-chain; no-cache pricing	Available

Equities & multi-asset market data

Service	Free tier	Paid (entry)	Best for / notes	Status
Yahoo Finance (community libs)	Free (unofficial)	n/a	Quotes, most-active, indices	In use
SEC EDGAR	Free, official	n/a	Filings, Form D	In use
Finnhub	Free 60/min + free WebSocket	~\$50–\$200/mo	Multi-asset, news+sentiment, alt data	Available
Twelve Data	Free 800/day	From ~\$35/mo	50+ exchanges, 130+ indicators	Available
Alpha Vantage	Free ~25/day	~\$49.99/mo	Stocks/FX/crypto + 50 indicators	Available
Financial Modeling Prep	Free 250/day	Reasonable paid	Fundamentals, SEC, 30+ yrs	Available
Tiingo	Free tier	Low-cost paid	Clean EOD history + fundamentals	Available
Alpaca	Free US equities + trading	Paid data	Brokerage + market data API	Available
EOD Historical Data	Limited free	Good-value paid	Global coverage, long history	Available
Polygon.io	No real free tier	Basic \$99/mo+	Real-time US equities/options, ticks	Available

Service	Free tier	Paid (entry)	Best for / notes	Status
Nasdaq Data Link / Databento	Some free / pay-per-call	Premium	Curated + institutional datasets	Available

Banks & financial institutions

Service	Free tier	Paid (entry)	Best for / notes	Status
FDIC BankFind Suite	Free, no key	n/a	US bank financials, branches, failures	Available
NCUA	Free	n/a	Credit-union call-report data	Available
FFIEC	Free (register)	n/a	Call reports, HMDA, UBPR	Available
U.S. Treasury Fiscal Data	Free, no key	n/a	Debt, rates, exchange rates, spending	Available
Federal Reserve / FRED	Free w/ key	n/a	Rates, reserves, 800k+ series	In use
OpenCorporates	Free tier	Paid	Global company registry data	Available

FX / currency

Service	Free tier	Paid (entry)	Best for / notes	Status
Frankfurter (ECB)	Free, no key	n/a	ECB reference rates + history	Available
exchangerate.host	Free tier	Paid	FX + crypto rates	Available
ExchangeRate-API	Free open endpoint	Paid	Simple currency conversion	Available
Fixer / Open Exchange Rates	Free limited	Paid	FX rates + historical	Available

Real estate & property

Service	Free tier	Paid (entry)	Best for / notes	Status
FRED housing (Zillow/NAR)	Free w/ key	n/a	Home price indices, rents via FRED	In use (via FRED)
Redfin Data Center	Free downloads	n/a	Market-level housing trends	Available
RentCast	Free 50 calls/mo	Affordable paid	AVM, rent estimates, comps, listings	Available
Zillow API	Free (non-commercial)	Partner	Zestimate, ~100M properties	Available
Estated / REAPI	Limited free / trial	Paid	Property records, ownership, tax	Available

Service	Free tier	Paid (entry)	Best for / notes	Status
Walk Score	Free tier	Paid	Walk/Transit/Bike scores	Available
ATTOM / CoreLogic / HouseCanary	Little/no free	From ~\$95/mo → enterprise	Deep property/tax/AVM/risk	Available

Part II — Economy, Government & World

Macro & economic data

Service	Free tier	Paid (entry)	Best for / notes	Status
FRED (St. Louis Fed)	Free w/ key	n/a	800k+ series; CPI, GDP, yields	In use (key needed)
BLS	Free (register)	n/a	CPI, employment, wages	In use
U.S. Census Bureau	Free w/ key	n/a	ACS demographics, econ census	In use
BEA	Free w/ key	n/a	GDP, personal income, trade	In use (partial)
World Bank Open Data	Free, no key	n/a	Global dev indicators	Available
IMF Data	Free API	n/a	WEO, fiscal, BoP	Available
OECD / Eurostat	Free	n/a	Member / EU statistics	Available
Trading Economics / DBnomics	Free limited / free	Paid (TE)	20M+ indicators, calendar, forecasts	Available

Government & public open data (catalogs, civic)

Service	Free tier	Paid (entry)	Best for / notes	Status
data.gov	Free	n/a	~526k+ federal datasets (catalog)	Referenced
Socrata (SODA)	Free app token	n/a	City/state open data (311, permits)	In use (City tab)
ArcGIS Hub Open Data	Free	n/a	County/city GIS feeds	In use (City tab)
EPA AirNow	Free w/ key	n/a	Air quality index	In use
FBI Crime Data Explorer	Free w/ key	n/a	Crime stats w/ ORI resolution	In use
HUD	Free	n/a	Housing, fair-market rents	In use
USGS / NOAA / Data USA	Free	n/a	Geology, weather, packaged stats	Available

Government & politics (legislative, spending, elections)

Service	Free tier	Paid (entry)	Best for / notes	Status
Congress.gov API	Free w/ key	n/a	Bills, votes, members	Available
Federal Register	Free, no key	n/a	Rules, executive orders, notices	Available
USAspending.gov (v2)	Free, no key	n/a	Federal awards & spending	Available

Service	Free tier	Paid (entry)	Best for / notes	Status
GovInfo (GPO)	Free w/ key	n/a	Federal docs, CFR, bills	Available
FEC	Free w/ key	n/a	Campaign finance filings	Available
Open States / Plural	Free w/ key	Paid	State legislatures, bills	Available
regulations.gov	Free w/ key	n/a	Rulemaking dockets & comments	Available
GSA (analytics.usa.gov, api.gov)	Free	n/a	Gov web analytics, agency APIs	Available
Capitol Trace	Free 100/day	Paid	Normalized Congress + FEC + spending	Available

World data / population / geography

Service	Free tier	Paid (entry)	Best for / notes	Status
REST Countries	Free, no key	n/a	Country profiles, flags, currencies (stability caveats)	Available
World Bank / UN (WPP)	Free	n/a	Population, GDP, dev indicators	Available
GeoNames	Free (register)	n/a	11M+ place names, admin divisions	Available
Our World in Data	Free (CSV/some API)	n/a	Curated global indicators (CC)	Available
WorldPop (WOPR)	Free REST	n/a	Gridded population, 100m	Available
geoBoundaries	Free	n/a	Political boundary shapefiles	Available
OpenStreetMap / Nominatim	Free (usage policy)	n/a	Geocoding, map data	Available
OpenCage	Free tier	Paid	Geocoding over open data	Available

World organizations

Service	Free tier	Paid (entry)	Best for / notes	Status
World Bank / IMF / OECD / Eurostat	Free	n/a	Economic & dev data	Available
WHO GHO	Free OData API	n/a	Global health indicators	Available
FAOSTAT (FAO)	Free API	n/a	Food & agriculture, 245+ countries	Available
UNESCO UIS	Free	n/a	Education/science/culture stats	Available
UN Comtrade	Free tier	Paid	International trade flows	Available

Embassies / travel / diplomacy

Service	Free tier	Paid (entry)	Best for / notes	Status
U.S. State Dept Travel Advisories	Free (RSS/scrape)	n/a	Country advisory levels, bulletins	In use (Travel tab)
REST Countries	Free	n/a	Capital, region, calling codes (country meta)	Available
Visa/passport APIs (via RapidAPI)	Free tier	Paid	Visa requirements by passport	Available
Note	—	—	No clean free “embassy directory” API; most are static datasets	Caveat

Part III — Sectors

Education (schools, colleges, universities)

Service	Free tier	Paid (entry)	Best for / notes	Status
College Scorecard API	Free w/ api.data.gov key	n/a	US college cost, outcomes, admissions	Available
NCES IPEDS	Free (tools/downloads)	n/a	Postsecondary enrollment, finance, grad rates	Available
Urban Institute Education Data API	Free, no key	n/a	Unified CCD, CRDC, IPEDS, Scorecard	Available
Dept of Ed CCD / EDFacts	Free downloads	n/a	K-12 schools & districts	Available
National Student Clearinghouse	Restricted	Paid	Enrollment verification	Available

Healthcare

Service	Free tier	Paid (entry)	Best for / notes	Status
openFDA	Free (DEMO/key)	n/a	Drug/device/food adverse events, recalls, labels	Available
CDC (WONDER, data.cdc.gov)	Free	n/a	Disease surveillance, mortality	Available
CMS (data.cms.gov)	Free	n/a	Medicare/Medicaid, provider data	Available
NPPES NPI Registry	Free, no key	n/a	Provider IDs & taxonomy	Available
ClinicalTrials.gov	Free	n/a	Trial registry & results	Available
NLM E-utilities (PubMed)	Free (tool+email)	n/a	Biomedical literature	Available
WHO GHO	Free	n/a	Global health indicators	Available
RxNorm / MedlinePlus (NLM)	Free	n/a	Drug terminology, consumer health	Available
HealthData.gov	Free	n/a	Federal health dataset catalog	Available

Agriculture / food / grain / crops

Service	Free tier	Paid (entry)	Best for / notes	Status
USDA NASS Quick Stats	Free w/ key	n/a	Crops, livestock, prices, census of ag	Available
USDA FoodData Central	Free w/ key	n/a	Nutrition for 300k+ foods	Available

Service	Free tier	Paid (entry)	Best for / notes	Status
USDA Market News	Free	n/a	Daily livestock/grain/produce prices	Available
FAOSTAT	Free API	n/a	Global food & ag, 1961–	Available
USDA CroplandCROS / VegScape	Free	n/a	Cropland data layer, vegetation condition	Available
USDA ERS	Free (downloads/API)	n/a	Ag economics	Available

Energy / electrical grids / pipelines / oil

Service	Free tier	Paid (entry)	Best for / notes	Status
EIA Open Data (v2)	Free w/ key	n/a	Electricity (hourly), petroleum, gas, coal, crude imports	Available
OpenEI	Free (CC0)	n/a	Renewables, utility rates	Available
NREL / NLR Developer Network	Free w/ key	n/a	Solar, utility rates, fuel stations (migrating to developer.nlr.gov)	Available
ENTSO-E Transparency	Free (register)	n/a	European grid generation/load/flows	Available
Electricity Maps / WattTime	Free tier	Paid	Grid carbon intensity / marginal emissions	Available
PHMSA	Free downloads	n/a	Pipeline incidents & mileage	Available
EPA Envirofacts	Free	n/a	Emissions, facilities	Available

Automotive / OEM / vehicles

Service	Free tier	Paid (entry)	Best for / notes	Status
NHTSA vPIC	Free, no key	n/a	VIN decode, makes/models, manufacturers	Available
NHTSA Recalls / Safety Ratings	Free	n/a	Recalls, complaints, NCAP ratings	Available
FuelEconomy.gov	Free	n/a	MPG, fuel cost by model/year	Available
EPA vehicle emissions	Free	n/a	Emissions & fuel data	Available
Cardog / Auto.dev	Free tier	Paid	VIN + market data, MCP server	Available
MarketCheck	Free trial	Paid	Listings & market pricing	Available

Weather & climate

Service	Free tier	Paid (entry)	Best for / notes	Status
Open-Meteo	Free, no key (non-comm.)	Paid commercial	Forecast + historical + air quality	Available
NWS / weather.gov	Free, no key (US)	n/a	Forecasts, alerts, observations	Available
OpenWeather	Free tier	Paid	Global weather, One Call, air pollution	Available
Tomorrow.io	Free tier	Paid	60+ layers, hyperlocal	Available
WeatherAPI.com	Free tier	Paid	Forecast, history, astronomy	Available
Meteostat / NASA POWER	Free	n/a	Historical station / solar-met data	Available
NOAA CDO	Free w/ token	n/a	Climate data archive	Available

Animals / pets / veterinary / wildlife

Service	Free tier	Paid (entry)	Best for / notes	Status
Petfinder	Free (account)	n/a	Adoptable pets, shelters, breeds	Available
RescueGroups	Free (key)	n/a	Adoption data, events, locations	Available
Dog CEO / Cat Facts / RandomDog	Free, no key	n/a	Images/facts (fun, placeholders)	Available
GBIF	Free, no key	n/a	Global biodiversity occurrences	Available
iNaturalist	Free	n/a	Species observations	Available
eBird (Cornell)	Free (key)	n/a	Bird observations by region	Available
IUCN Red List	Free (token)	n/a	Threatened species status	Available
Movebank	Free (account)	n/a	Animal movement & migration	Available
openFDA Animal & Veterinary	Free	n/a	Animal drug adverse events	Available
USDA APHIS	Free downloads	n/a	Animal & plant health	Available

Part IV — Tech, Media, Social & Meta

Tech / software / cloud

Service	Free tier	Paid (entry)	Best for / notes	Status
GitHub (REST/GraphQL)	Free (token)	n/a	Repos, code, users, activity	Available
npm registry	Free, no key	n/a	Package metadata & downloads	Available
PyPI	Free, no key	n/a	Python package data	Available
Stack Exchange	Free (key)	n/a	Q&A across Stack Overflow etc.	Available
Shodan	Free tier	Paid	Internet-connected device search	Available
Cloudflare Radar	Free (token)	n/a	Internet traffic & attack trends	Available
Have I Been Pwned	Free (key)	Paid	Breach data lookup	Available
Cloud price lists (AWS/GCP/Azure)	Free	n/a	SKU/retail pricing catalogs	Available

Media / TV / entertainment

Service	Free tier	Paid (entry)	Best for / notes	Status
TMDB	Free (key, non-comm.)	n/a	Movie/TV metadata, images, trending	Available
TVmaze	Free, no key	Paid (commercial)	TV schedules, episodes, cast	Available
OMDb	Free tier (key)	Paid	Title/series + IMDb/RT ratings	Available
Watchmode	Free tier	Paid	Streaming availability (200+ services)	Available
JustWatch	Partner/limited	—	Where-to-watch	Available
Trakt / Simkl	Free (key)	Paid	Watch tracking, recommendations	Available
Spotify Web API	Free (OAuth)	n/a	Music catalog, audio features	Available
YouTube Data API	Free (quota)	n/a	Videos, channels, search	Available

News & sentiment

Service	Free tier	Paid (entry)	Best for / notes	Status
RSS feeds (CoinDesk, etc.)	Free	n/a	Headlines + auto sentiment	In use
GDELT	Free open dataset	BigQuery costs	Global events, tone, knowledge graph	Available

Service	Free tier	Paid (entry)	Best for / notes	Status
Currents API	Free 600/day	Paid	Worldwide headlines, filters	Available
Marketaux	Free tier	Paid	Financial headlines + ticker sentiment	Available
Alpha Vantage News & Sentiment	Free (AV key)	Paid	200k+ ticker sentiment	Available
Mediastack / NewsAPI / GNews	Free limited	Paid	Broad source coverage	Available
finlight	Free tier + WebSocket	Paid	Curated financial news + sentiment	Available

Social / knowledge / community

Service	Free tier	Paid (entry)	Best for / notes	Status
Wikipedia / Wikimedia REST	Free	n/a	Articles, pageviews	Available
Wikidata	Free (SPARQL)	n/a	Structured knowledge graph	Available
Reddit	Free tier (OAuth, limits)	Paid	Posts/comments	In use (local-only)
Hacker News (Firebase)	Free, no key	n/a	Stories & comments	Available
Mastodon	Free (instance)	n/a	Federated social posts	Available
Bluesky (AT Protocol)	Free	n/a	Social posts & feeds	Available
Google Trends (pytrends)	Free (unofficial)	n/a	Search interest over time	Available

AI / research (report-based, mostly not live REST APIs)

Service	Free tier	Paid (entry)	Best for / notes	Status
SEC EDGAR	Free, official	n/a	Filings incl. Form D funding signals	In use
Stanford AI Index / Epoch / MLPerf / IEA	Free reports	n/a	Benchmarks, compute, energy (downloads)	Referenced

Meta — API directories & dataset catalogs

Service	Free tier	Paid (entry)	Best for / notes	Status
public-apis (GitHub)	Free	n/a	1,400+ free APIs, categorized	Available

Service	Free tier	Paid (entry)	Best for / notes	Status
free-for.dev / free-for-dev	Free	n/a	SaaS/PaaS/IaaS free tiers	Available
publicapis.io / .dev / APIList.fun	Free	n/a	Searchable API directories	Available
RapidAPI Hub	Free + paid	—	Marketplace of thousands of APIs	Available
Google Dataset Search / DBnomics	Free	n/a	Dataset discovery & aggregation	Available

Part V — Public Service, Libraries & Culture

Libraries & archives

Service	Free tier	Paid (entry)	Best for / notes	Status
Library of Congress (loc.gov JSON)	Free, no key	n/a	Collections, Chronicling America, IIIF images, linked data	Available
National Archives (NARA) Catalog	Free w/ key	n/a	Archival descriptions, digital objects, OCR	Available
DPLA	Free w/ key	n/a	Aggregated US library/museum/archive items	Available
Europeana	Free w/ key	n/a	50M+ European cultural items	Available
AAPB (Public Broadcasting)	Free (experimental)	n/a	Historic US public radio/TV programs	Available

Books & literature

Service	Free tier	Paid (entry)	Best for / notes	Status
Open Library / Internet Archive	Free, no key	n/a	Book metadata, covers, full-text scans	Available
Project Gutenberg (Gutendex)	Free, no key	n/a	70k+ public-domain ebooks	Available
Google Books	Free (key)	n/a	Volume search & metadata	Available
NYT Books / ISBNdb	Free (key) / paid	Paid (ISBNdb)	Bestseller lists / ISBN lookups	Available

Museums & art

Service	Free tier	Paid (entry)	Best for / notes	Status
Met Museum	Free, no key	n/a	470k+ artworks with images	Available
Art Institute of Chicago	Free, no key	n/a	Artworks + IIIF images	Available
Smithsonian Open Access	Free w/ key	n/a	3M+ digitized items, 19 collections	Available
Harvard Art Museums / Rijksmuseum / Cleveland	Free (key)	n/a	Collection metadata + images	Available

Part VI — Whole-of-Government (expanded)

Federal services & programs

Service	Free tier	Paid (entry)	Best for / notes	Status
Grants.gov	Free (RESTful APIs)	n/a	Federal grant opportunities	Available
SAM.gov	Free w/ key	n/a	Entities, exclusions, contract opportunities	Available
USAJOBS	Free w/ key	n/a	Federal job listings	Available
Recreation.gov (RIDB)	Free w/ key	n/a	Parks, campgrounds, facilities, permits	Available
FEMA (OpenFEMA)	Free, no key	n/a	Disasters, declarations, assistance	Available
eCFR	Free (bulk API)	n/a	Live Code of Federal Regulations	Available
GovInfo (GPO)	Free w/ key	n/a	Federal docs, CFR, bills	Available
regulations.gov / GSA APIs	Free w/ key	n/a	Rulemaking dockets; per-diem; site data	Available

U.S. fiscal & national debt (the “debt clock”)

Service	Free tier	Paid (entry)	Best for / notes	Status
Treasury Fiscal Data — Debt to the Penny	Free, no key	n/a	Official daily national debt (the real debt-clock feed)	Available
Treasury Fiscal Data (full suite)	Free, no key	n/a	Rates, spending, revenue, exchange rates	Available
USAspending.gov	Free, no key	n/a	Federal awards & spending	Available
IRS SOI / SSA	Free downloads	n/a	Tax statistics; Social Security data	Available

State & local / Washington DC

Service	Free tier	Paid (entry)	Best for / notes	Status
Open Data DC	Free (Socrata/ArcGIS)	n/a	DC 311, crime, permits, GIS	Available
NYC / California / state portals	Free (Socrata)	n/a	City & state open datasets	Available
Census Bureau (geographies)	Free w/ key	n/a	County/state/tract data + geocoder	In use

International government & statistics

Service	Free tier	Paid (entry)	Best for / notes	Status
UK data.gov.uk / ONS	Free	n/a	UK datasets & national statistics	Available
Statistics Canada / ABS / Eurostat	Free	n/a	National statistics agencies	Available
World Bank / UN	Free	n/a	Global indicators (see Part II)	Available

Part VII — Science, Space & Environment

Space & astronomy

Service	Free tier	Paid (entry)	Best for / notes	Status
NASA APOD / NeoWs / Mars / EPIC	Free (DEMO/key)	n/a	Imagery, near-Earth objects, Mars photos	Available
NASA DONKI	Free (key)	n/a	Space weather: flares, CMEs, storms	Available
NASA EONET	Free, no key	n/a	Natural-event tracking (fires, storms)	Available
NOAA SWPC	Free, no key	n/a	Space-weather forecasts	Available
Open Notify (ISS) / Launch Library 2	Free, no key	n/a	ISS position; rocket launch schedule	Available
Sunrise-Sunset	Free, no key	n/a	Sun times by lat/long (attribution)	Available

Environment, climate & disasters

Service	Free tier	Paid (entry)	Best for / notes	Status
USGS Earthquakes (FDSN)	Free, no key	n/a	Real-time + historical quakes	Available
USGS Water Services	Free, no key	n/a	Streamflow, water levels & quality	Available
OpenAQ	Free	n/a	Global air-quality measurements	Available
FEMA / EPA Envirofacts	Free	n/a	Disasters; emissions & facilities	Available
Global Forest Watch / Copernicus	Free	n/a	Deforestation; Sentinel satellite data	Available

Geospatial / maps / geocoding

Service	Free tier	Paid (entry)	Best for / notes	Status
OpenStreetMap / Nominatim	Free (usage policy)	n/a	Map data & geocoding	Available
U.S. Census Geocoder	Free, no key	n/a	Address-to-geography matching	Available
OpenTripMap / Geoapify	Free tier	Paid	POIs, places, geocoding	Available
Mapbox / HERE / Google Maps	Free tier / credit	Paid	Maps, routing, geocoding at scale	Available

Part VIII — Industry & Commerce

E-commerce & products

Service	Free tier	Paid (entry)	Best for / notes	Status
Open Food Facts	Free, no key	n/a	3M+ products by barcode, nutrition, eco-score	Available
UPCitemdb / Barcode Lookup	Free tier	Paid	UPC/EAN product lookups	Available
eBay / Best Buy	Free dev tier	Rev-share	Listings, products, pricing	Available
Walmart / Amazon PA-API	Affiliate-gated	Affiliate	Catalog (requires affiliate program)	Available

Travel & places

Service	Free tier	Paid (entry)	Best for / notes	Status
Amadeus Self-Service	Free test tier	Paid prod	Flights, hotels, fares, points of interest	Available
Foursquare Places	Free tier	Paid	Place search, categories, geotagging	Available
Yelp Fusion	Free tier	Paid	Business listings, reviews, ratings	Available
OpenTripMap / TripAdvisor	Free tier / partner	Paid	Attractions, POIs, reviews	Available

Food, recipes & nutrition

Service	Free tier	Paid (entry)	Best for / notes	Status
TheMealDB	Free (attribution)	~\$2/mo Patreon	International recipes & images	Available
Spoonacular	Free tier	From ~\$29 → \$149/mo	365k+ recipes, meal plans, nutrition	Available
Edamam / Nutritionix / FatSecret	Free tier	Paid	Nutrition analysis, NLP food logging	Available
USDA FoodData Central	Free w/ key	n/a	Government nutrition data (see Part III)	Available

Jobs & labor market

Service	Free tier	Paid (entry)	Best for / notes	Status
USAJOBS	Free w/ key	n/a	Federal job openings	Available

Service	Free tier	Paid (entry)	Best for / notes	Status
O*NET Web Services	Free	n/a	Occupations, skills, tasks	Available
CareerOneStop (DOL)	Free w/ key	n/a	Jobs, training, labor info	Available
Adzuna	Free tier	Paid	Aggregated job listings + salary data	Available

Legal, courts & patents

Service	Free tier	Paid (entry)	Best for / notes	Status
CourtListener (Free Law)	Free w/ token	Membership	9M+ opinions, dockets, judges, RECAP	Available
Caselaw Access Project	Free bulk API	n/a	6.9M US decisions (1600s–2020)	Available
USPTO Open Data / PatentsView	Free (key)	n/a	Patents, trademarks, applications	Available
eCFR / GovInfo / WIPO Lex	Free	n/a	Regulations; global IP law	Available

Logistics, shipping & postal

Service	Free tier	Paid (entry)	Best for / notes	Status
USPS Web Tools	Free (register)	n/a	Address validation, tracking, rates	Available
EasyPost / Shippo	Free tier	Per-label paid	Multi-carrier labels, tracking, rates	Available
AfterShip	Free tier	Paid	Tracking across 1,000+ carriers	Available

Sports & odds

Service	Free tier	Paid (entry)	Best for / notes	Status
TheSportsDB	Free (key)	Patreon tiers	Scores, teams, players, artwork	Available
balldontlie	Free tier	Paid	Stats for NBA/NFL/MLB/NHL + 20 leagues	Available
The Odds API	Free tier	Paid	Bookmaker odds across sports	Available
SportsDataIO / Sportmonks	Free trial / free-forever niche	Paid	Advanced metrics; football/cricket	Available

Nonprofits & charity

Service	Free tier	Paid (entry)	Best for / notes	Status
ProPublica Nonprofit Explorer	Free	n/a	IRS Form 990 data, 1.8M+ orgs	Available
IRS Tax Exempt Orgs (EO BMF)	Free downloads	n/a	Charity status & financials	Available
Charity Navigator / Candid	Limited free	Paid	Ratings & nonprofit data	Available

Part IX — Connectivity, Security & Lifestyle

Cybersecurity & threat intel

Service	Free tier	Paid (entry)	Best for / notes	Status
NVD (CVE)	Free, no key	n/a	356k+ vulnerabilities, CVSS scores	Available
VirusTotal	Free ~500/day	Enterprise	File/URL/IP/hash analysis, multi-AV	Available
AbuseIPDB	Free 1,000/day	\$5–\$150/mo	IP reputation & abuse reports	Available
urlscan.io / URLhaus / MalwareBazaar	Free	Paid (urlscan)	URL scanning; malicious URL/sample feeds	Available
Have I Been Pwned / SSL Labs	Free (key) / free	Paid (HIBP)	Breach lookups; TLS scoring	Available

IP, networking & domains

Service	Free tier	Paid (entry)	Best for / notes	Status
IPinfo / ipapi	Free tier	Paid	IP geolocation, ASN, carrier	Available
RDAP / WHOIS	Free	n/a	Domain & IP registration data	Available
RIPEstat / BGPView	Free	n/a	Routing, ASN, prefix data	Available
Cloudflare Radar	Free (token)	n/a	Internet traffic & attack trends (Part IV)	Available

Telecom & broadband

Service	Free tier	Paid (entry)	Best for / notes	Status
FCC APIs	Free	n/a	Broadband map, spectrum, filings, area data	Available

Language, dictionary & translation

Service	Free tier	Paid (entry)	Best for / notes	Status
Free Dictionary API	Free, no key	n/a	Definitions, phonetics, examples	Available
Datamuse / Wordnik	Free / free (key)	n/a	Word lookups, rhymes, related words	Available
Merriam-Webster / Wiktionary	Free (key) / free	n/a	Dictionary & thesaurus	Available
LibreTranslate / DeepL /	Self-host free / free tier	Paid	Machine translation	Available

Service	Free tier	Paid (entry)	Best for / notes	Status
Google Translate				

Time, holidays & calendar

Service	Free tier	Paid (entry)	Best for / notes	Status
Nager.Date	Free, no key	n/a	Public holidays by country/year	Available
Calendarific	Free tier	Paid	Global holidays & observances	Available
WorldTimeAPI / TimeZoneDB	Free / free (key)	n/a	Current time, time zones, DST	Available

Music & audio

Service	Free tier	Paid (entry)	Best for / notes	Status
MusicBrainz	Free, no key (rate-limited)	n/a	Open music metadata encyclopedia	Available
Discogs	Free (token)	n/a	Releases, artists, marketplace data	Available
Last.fm	Free (key)	n/a	Scrobbles, charts, artist info	Available
TheAudioDB / Radio Browser / Deezer	Free	n/a	Artwork; internet radio; catalog	Available

Fitness & wearables

Service	Free tier	Paid (entry)	Best for / notes	Status
Strava	Free (OAuth)	n/a	Activities, segments, athlete data	Available
Fitbit / Oura / Withings / Garmin	Free (OAuth)	n/a	Steps, sleep, HR, body metrics	Available
Google Fit / Wger	Free	n/a	Activity aggregation; workout/exercise DB	Available

Keeping it in sync

Link this document from your API page as the full data-source catalog, and keep data/sources.json as the machine-readable source of truth. When you wire in an “Available” service, flip its Status here and add its key to sources.json so the doc and the code stay aligned.