



Sources for Real-Time Event & Experience Data

A **universal experience discovery platform** requires aggregating events from many reliable sources across different categories. Below is a comprehensive list of major online sources for real-time or frequently-updated event data. The sources are grouped by event type, with details on their coverage, integration options, update frequency, and any limitations.

Ticketed Events (Concerts, Theatre, Festivals)

Major ticketing platforms and event listings for concerts, live entertainment, festivals, and sporting events are key sources. These typically provide rich metadata (venue, time, performers) and often have official APIs:

Source	Website	Event Focus	Region	Integration & Data Feed	Notes (Coverage & Limitations)
Ticketmaster	ticketmaster.com	Concerts, sports, theater, festivals (ticketed events)	Global (US, EU, AU, etc.) <small>1</small>	REST API (API key; real-time updates) <small>2</small>	~230K events via Discovery API , including Ticketmaster's own listings plus its subsidiaries (Universe, FrontGate Tickets, TM Resale) <small>2</small> . Broad coverage (North America, Europe, Oceania) with new events continuously added <small>1</small> . Rich metadata and reliable updates.

Source	Website	Event Focus	Region	Integration & Data Feed	Notes (Coverage & Limitations)
Eventbrite	eventbrite.com	Ticketed events of all types (concerts, conferences, classes, etc.)	Global (strong in US/EU)	REST API (OAuth 2.0; near real-time) <small>3</small> <small>4</small>	Huge self-service event platform spanning all niches from tech to health to music <small>3</small> . Data is user-generated and updated instantly when events are created. Rich metadata (categories, tickets) and free events included. Official API with 2,000 calls/hour limit <small>5</small> .
SeatGeek	seatgeek.com	Ticket marketplace (sports, concerts, theater)	Primarily US	REST API (API key; live data) <small>6</small>	Aggregator of tickets for ~100,000 live events <small>7</small> . Provides event, venue, and performer data via API. Good coverage of U.S. concerts and sports. Focus on ticket resale; international coverage is limited to major events.

Source	Website	Event Focus	Region	Integration & Data Feed	Notes (Coverage & Limitations)
Songkick	songkick.com	Live music concerts and festivals	Global	REST API (API key; frequent updates) ⁸	<p>One of the largest live music databases (over 6 million concerts, past and upcoming) ⁹. API provides artist tour dates, venue calendars, etc. Great for concerts worldwide. API keys can be hard to obtain for new developers (approval may be slow) ¹⁰.</p>
Bandsintown	bandsintown.com	Live music concerts (artist-centric)	Global	REST API (public; real-time) ¹¹	<p>Very large database of upcoming concerts – “the largest... in the world” ¹². Often used by artists to publish tour dates. Has a free API for retrieving events by artist or city, updated continuously as artists add shows. Primarily music-focused.</p>

Source	Website	Event Focus	Region	Integration & Data Feed	Notes (Coverage & Limitations)
Skiddle	skiddle.com	Concerts, club nights, festivals (ticketed)	UK (and some EU/US)	REST API (API key; real-time) 13	UK-based event platform specializing in live music, nightlife, and festivals. Offers an API for event search (with location, genre filters). Rich metadata including ticket info. Primarily UK coverage, with some international events.
AXS	axs.com	Concerts, sports (ticketing)	US, UK	No open API (web scraping required)	Major ticketing provider for concerts/sports (e.g. many arena events). Reliable data, but no public API – integration would require scraping or partnerships. Coverage overlaps with some Ticketmaster listings.

Source	Website	Event Focus	Region	Integration & Data Feed	Notes (Coverage & Limitations)
Eventim	eventim.com	Concerts, festivals, sports (ticketing)	Europe (e.g. DE)	No public API (scraping possible)	Leading ticketing company in parts of Europe (especially Germany). Large catalog of events, but data integration is unofficial (no open feeds). Best used via scraping or third-party aggregators.

Notes: Ticketmaster and Eventbrite are primary sources for many ticketed events globally, offering well-maintained APIs. Others like AXS and Eventim are region-specific and may require scraping solutions. Real-time updates are generally available via the official APIs – for example, Ticketmaster’s API reflects new events continuously and spans numerous countries ¹. Eventbrite’s data is updated as soon as organizers publish or edit events. For ticket resale and secondary markets, SeatGeek’s API is a useful aggregator (especially US events) ⁷. Songkick and Bandsintown contribute comprehensive live music listings worldwide, both providing near real-time data through their APIs.

Meetups and Social Gatherings

Community-driven events and informal gatherings are often hosted on social platforms. Key sources include meetup networks and social media event listings:

Source	Website	Type of Events	Region	Integration & Feed	Notes
Meetup	meetup.com	Social meetups, hobby groups, networking, classes	Global (193 countries) <small>14</small>	GraphQL/ REST API (OAuth; real-time), or ICS feeds by group	The largest platform for community-organized events. Over 100,000 events per week worldwide <small>15</small> across 10,000+ cities. Official API (now GraphQL) provides access to events, groups, etc., but full search access may require a Meetup Pro subscription <small>16</small> . Events update immediately when organizers schedule or change them. Rich metadata (topics, RSVPs).

Source	Website	Type of Events	Region	Integration & Feed	Notes
Facebook Events	facebook.com	Social gatherings, concerts, public community events	Global	Graph API (limited after 2018); scraping/ICS for public pages	<p>Massive volume of events via Facebook Pages and user invitations.</p> <p>However, public data access is restricted – Facebook disabled open event search and API access for location-based events ¹⁷. Integration often requires scraping or page-specific RSS/ICS feeds.</p> <p>Great coverage of local/ community events (many small events exist only on Facebook), but privacy settings can limit data.</p>
Evensi	evensi.com	Community events, meetups (aggregator)	Global	REST API (available; frequent updates)	<p>Aggregates events from multiple platforms (Meetup, Eventbrite, others) into one dataset. Global coverage of millions of events. Provides an API for searching by location or interest. Useful for breadth, but watch for duplicates/ quality.</p>

Source	Website	Type of Events	Region	Integration & Feed	Notes
AllEvents.in	allevents.in	Aggregated events – social, concerts, classes, etc.	Global (40k+ cities) <small>18</small>	REST API (key required; high-frequency updates) <small>19</small>	Claims to be the “world’s largest events database” with 200M+ events listed globally <small>20</small> . Aggregates data from many sources and user submissions. Offers a fast API; data is regularly refreshed with deduplication to ensure accuracy <small>19</small> . Covers everything from meetups to major concerts. (Commercial API access).
Nextdoor Events	nextdoor.com	Neighborhood and community events (yard sales, local meetups)	Local (varies by community, mostly US/EU)	No public API; limited scraping (login required)	Neighborhood-focused platform where users post local events. Can include block parties, garage sales, local meetups. Data is hyper-local. Integration is challenging due to login and no API; not a primary source for a global platform, but noteworthy for very local happenings.

Notes: **Meetup.com** is a critical source for grassroots gatherings and interest-based communities, providing a constantly updated feed of events worldwide (with 52 million+ members) 21. **Facebook Events** also cover a huge range of gatherings, but integration must handle privacy and the lack of an

official search API post-2018¹⁷ – often only events from specific public Pages can be accessed (some Pages offer an exportable `.ics` feed of upcoming events). **EvenSi** and **AllEvents.in** serve as aggregators that crawl multiple sources to centralize community event info; their APIs provide breadth, though one should be mindful of data overlaps. Nextdoor and similar local social networks have unique local event info but are less accessible for automated aggregation.

Educational and Institutional Events (Lectures, Academic Talks, Science Events)

Events from universities, libraries, museums, and other institutions often use specialized calendar systems or listings:

Source	Website	Type of Events	Region	Integration & Feed	Notes
Localist	localist.com	University and city event calendars (talks, seminars, campus events)	Primarily US (used by many institutions)	REST API (JSON; read-only; real-time) ²² ²³	Localist is an event calendar platform powering many university and municipal event sites. Each Localist-powered site exposes a uniform API endpoint for upcoming events (or RSS/iCal feeds). For example, "calendar.university.edu/api/2/" returns that campus's events. This allows programmatic retrieval of lectures, workshops, etc., updated whenever the institution updates its calendar. Requires knowing the specific calendar URLs; no single global feed.

Source	Website	Type of Events	Region	Integration & Feed	Notes
10times	10times.com	Conferences, trade shows, professional events, workshops	Global (business hubs focus)	No public API (data via scraping or partners)	A large aggregator of business and academic events (conferences, expos, seminars). Lists thousands of upcoming conferences worldwide, including science and technology events. Users can filter by location or industry. While an API isn't openly documented, third-party scrapers exist ²⁴ . Data appears updated regularly as event organizers submit or update listings.
Conference Alert Sites	(various, e.g. conferencealerts.com)	Academic conferences and seminars	Global	RSS feeds or scraping (varies)	There are niche sites that aggregate academic conference announcements (often by field or region). These typically offer email updates or simple RSS feeds for upcoming events. Integration is case-by-case and reliability varies. Useful for coverage of smaller academic events but not as real-time as other sources.

Source	Website	Type of Events	Region	Integration & Feed	Notes
Eventbrite (Education category)	eventbrite.com	Public lectures, workshops, classes (ticketed)	Global	(See <i>Eventbrite above</i>)	Many educational institutions and organizations list public lectures and classes on Eventbrite for registration. Using Eventbrite's API with a filter for category (Education) or keywords can yield university talks, coding bootcamps, etc. Data quality is high and updated live ³ , though not all institutions use it.

Notes: Institutional events are often siloed on their own websites. Platforms like **Localist** centralize these for those institutions that use it – tapping into each instance's API or RSS can gather, for example, all talks at a given university. For broader academic events like conferences, **10times** is a well-maintained global directory for professional events and exhibitions (including science and education conferences), although integration might rely on web scraping. **Eventbrite** and **Meetup** also cover many educational events when used by organizers (e.g. public science talks, workshops), so leveraging their data with appropriate category filters is a good strategy. Keep in mind that coverage can be fragmented; there is no single API for *all* university events globally, but aggregators and category-specific queries can bridge the gap.

Nature, Outdoor, and Recreational Activities

Outdoor experiences, recreational events, and nature activities come from a mix of government sources and community organizations:

Source	Website	Type of Events	Region	Integration & Feed	Notes
Active.com	active.com	Recreational activities, races, sports leagues, outdoor classes	Global (strong in US)	REST API (API key; continuous updates) <small>25</small>	<p>ACTIVE Network provides data on races, marathons, charity runs, sports tournaments, fitness classes, and outdoor activities. Their API covers "races, events, classes, activities and more" <small>25</small>. Data is updated as organizers list events (real-time). This is a prime source for 5Ks, triathlons, hiking meetups, and recreational classes. Global coverage, though the U.S. has the deepest listings.</p>
National Park Service (NPS)	nps.gov (Developer API)	National park events, ranger programs, tours	US (National Parks)	REST API (API key; updated by NPS staff) <small>26</small>	<p>The NPS API provides authoritative data on park events and programs <small>26</small>. This includes guided hikes, wildlife talks, volunteer days in U.S. National Parks. Data is updated whenever park rangers add or change an event on NPS.gov. Reliable for outdoor events at federal parks (frequency depends on each park's schedule). Integration requires free API key.</p>

Source	Website	Type of Events	Region	Integration & Feed	Notes
Meetup (Outdoors groups)	meetup.com	Hiking trips, outdoor adventure meetups	Global	(See Meetup above)	<p>Many Meetup groups focus on outdoor recreation (hiking clubs, biking groups, etc.). By using Meetup's API with keywords or group categories, one can gather nature-focused events. These are user-driven and update immediately on scheduling. Coverage depends on active outdoor communities in each region.</p>
Recreational NGOs	(various: Sierra Club, local hiking clubs)	Hikes, clean-ups, nature walks	Regional/local	RSS feeds or scraping (varies)	<p>Organizations like local hiking clubs or conservation groups post events on their sites (e.g. Sierra Club chapter calendars). Some provide RSS/ICS feeds; others may need scraping. While not <i>global</i> sources, they're reliable for regional outdoor event data (e.g. weekly hikes, bird-watching events). Integration effort is higher and event volume lower.</p>

Source	Website	Type of Events	Region	Integration & Feed	Notes
AllTrails / Outdoors	alltrails.com (and others)	Trail meetups, outdoor experiences (non-ticketed)	Global	No event API (community posts only)	Platforms like AllTrails focus on routes rather than events, but occasionally community events (group hikes) are posted. They are not designed as event feeds, so they're not primary data sources. Most outdoor events will come from community platforms (Meetup, Facebook) or Active.com for organized activities.

Notes: For outdoor and recreational events, **Active.com's API** is a rich resource, covering everything from local yoga classes to large marathons, updated in real-time as events are added ²⁵. Government sources like the **NPS API** contribute official events in national parks ²⁶. A lot of outdoor activities are organized informally via **Meetup** or **Facebook** (e.g. a local hiking group event); those can be captured through those platforms' feeds. If targeting specific niches (like mountaineering or trail clean-ups), one might integrate with relevant nonprofits or local clubs via their online calendars. However, the major aggregators (Active, Meetup, Eventbrite's "outdoors" category) cover a significant portion of public outdoor events.

Workshops and Classes (Art, Cooking, Tech, Fitness)

Hands-on experiences and classes are often listed on general event platforms as well as specialized class marketplaces:

Source	Website	Type of Events	Region	Integration & Feed	Notes
Eventbrite (Classes category)	eventbrite.com	Workshops, training sessions, classes (many domains)	Global	REST API (filter by category/tag; real-time)	<p>Eventbrite is widely used for workshops (e.g. art classes, cooking lessons, coding bootcamps). Organizers list class sessions with detailed info. By using Eventbrite's API and filtering by relevant categories (Education, Hobbies, etc.), one can pull a steady stream of upcoming classes. Updates are immediate upon changes. Coverage is global, especially strong in urban areas.</p>

Source	Website	Type of Events	Region	Integration & Feed	Notes
Meetup (Learning groups)	meetup.com	Study groups, language exchanges, coding meetups, etc.	Global	API (GraphQL; real-time)	<p>Many Meetup groups revolve around learning (coding meetups, language practice, DIY craft circles).</p> <p>These events, while informal, effectively function as classes.</p> <p>Meetup's data (as described earlier) can be filtered by topic (e.g. Tech, Language) to find these. The data updates live, and events often recur weekly.</p>
CourseHorse	coursehorse.com	Formal classes (cooking, art, tech) in cities	Major US cities (NYC, LA, etc.)	No public API (web scraping)	<p>A marketplace for local classes and workshops offered by schools or instructors. Rich metadata on class schedules and tickets.</p> <p>However, no official API – integration would require scraping their site or RSS (if available).</p> <p>Coverage is limited to certain cities and the platform's partners.</p>

Source	Website	Type of Events	Region	Integration & Feed	Notes
Active.com (Classes)	active.com	Fitness and recreational classes (yoga, sports, etc.)	US-centric (some global)	REST API (with filters; live)	<p>Beyond races, Active.com also lists fitness classes, camps, and workshops (e.g. a weekend yoga workshop or a kids' summer camp) ²⁵. Using their API's filters (for class-type events or "ACTIVEkids"), one can get these activities. Updated as soon as providers schedule them. Good for community center classes and sports clinics.</p>

Source	Website	Type of Events	Region	Integration & Feed	Notes
Misc. Platforms	(e.g. Dabble , Airbnb , Experiences)	Niche or one-off classes, experiences	Regional / Global	Varies (some APIs, mostly scraping)	Smaller platforms like Dabble (for casual local classes) or Airbnb Experiences (for tourist-oriented workshops) host events too. They might not have accessible APIs for events; integration might involve scraping and can be limited by terms of service. These can supplement data for niche experience categories but are secondary to the big platforms.

Notes: Most workshops and classes open to the public are listed on multi-purpose event platforms rather than dedicated education sites. **Eventbrite** and **Meetup** collectively capture a large portion of community-run and professional classes (from free craft workshops at a library to paid coding bootcamps). These are updated in real-time and come with rich details (instructors, skill level, tickets). For more formal or city-specific class aggregators like **CourseHorse**, data can be obtained via scraping if needed, but their coverage is narrower. Also consider **university extension programs or library calendars** for free classes – those often use the institutional sources mentioned above (e.g. a library might have a Localist calendar or an RSS feed for events like classes). In summary, focusing on Eventbrite's and Meetup's data (with appropriate filters) provides a broad, regularly updated foundation for workshops and classes, with specialized sites filling in specific gaps.

Volunteer and Community Service Events

Volunteer opportunities and community service events are often listed on dedicated nonprofit platforms and some general event sites:

Source	Website	Type of Events	Region	Integration & Feed	Notes
Idealist (VolunteerMatch)	idealist.org (Idealist API)	Volunteer opportunities, charity events, community projects	Global (180+ countries) <small>27</small>	REST/GraphQL API (API key; frequent updates) <small>28</small>	<p>Idealist (which now powers VolunteerMatch) hosts the <i>largest volunteering database</i> worldwide. Over 80,000 active volunteer opportunities from 200,000 organizations in 180+ countries <small>29</small>. The API (Idealist Open Listings) allows integration of these opportunities <small>28</small>. Data updates as organizations post new volunteer events or roles.</p> <p>Coverage includes one-time events (e.g. park clean-up day) and ongoing opportunities. Rich metadata (causes, skills required).</p>

Source	Website	Type of Events	Region	Integration & Feed	Notes
All For Good (Points of Light)	pointsoflight.org (AllForGood)	Volunteer projects and days of service	US (nationwide)	API (was available, now merged with Idealist)	<p>All For Good was an aggregator of volunteer events (powered by Points of Light). Its data has largely merged into Idealist/VolunteerMatch as of recent years ³⁰. Historically it provided an API for volunteer events from many sources. Today, tapping Idealist's API covers this data.</p>

Source	Website	Type of Events	Region	Integration & Feed	Notes
Eventbrite (Charity category)	eventbrite.com	Charity events, fundraisers, volunteer meetups	Global	REST API (filter by category; real-time)	<p>Many fundraising events, charity runs, and volunteer meetup events are listed on Eventbrite (often for ticketing or RSVP). By filtering Eventbrite data for charity/nonprofit categories, one can gather these events. Updated live as organizers (nonprofits) post events. Note that purely volunteer <i>opportunities</i> tend to be on Idealist, whereas <i>events like charity galas or clean-up days</i> might be on Eventbrite.</p>

Source	Website	Type of Events	Region	Integration & Feed	Notes
Meetup (Volunteer groups)	meetup.com	Community volunteer meetups, social impact events	Global	API (OAuth; real-time)	<p>There are Meetup groups centered on community service (e.g. "Young Volunteers of X City"). These groups post events for volunteer outings or social impact projects. Meetup's API can provide these if filtered by relevant group topics (Volunteering, Activism). Data updates instantly with new meetup postings. Coverage varies by city.</p>
VolunteerMatch.org (legacy)	volunteermatch.org	Volunteer opportunities (searchable)	US-heavy (some global)	SOAP/REST API (requires key; updates as postings)	<p>VolunteerMatch's own API (now integrated into Idealist) offered search across 100k+ volunteer listings ³¹. It included one-time events and ongoing roles. Integration now is through Idealist's unified API. Still, legacy feeds might exist for certain partners.</p>

Notes: **Idealist/VolunteerMatch** is the primary hub for volunteer events and opportunities, and it provides a robust API ²⁸. This is a rich feed for things like beach clean-ups, tutoring sessions, NGO volunteer days, etc., with data refreshed continuously (organizations post new listings daily). For a universal discovery platform, integrating this ensures coverage of socially impactful events. Additionally,

mainstream event platforms can supplement: **Eventbrite** often lists charitable events (e.g. fundraising walks), and **Meetup** may have local volunteer group activities. Ensure to distinguish volunteer opportunities (which might span multiple dates or be more like job postings) from actual *event dates* – Idealist's data includes both, so you may filter for opportunities happening on a specific date/location if needed. The data frequency on these platforms is high – new opportunities are added all the time, especially around days of service or during community crises. Official APIs like Idealist's guarantee up-to-date info, whereas older aggregators like All For Good have transitioned to feed into those networks.

Online-Only Events (Webinars, Virtual Conferences, Virtual Experiences)

With the rise of virtual events, many platforms now list online-only experiences. Key sources and methods to gather these include:

Source	Website	Type of Online Events	Region	Integration & Feed	Notes
Eventbrite (Online filter)	eventbrite.com	Webinars, virtual conferences, online workshops	Global	API (query with <code>online_event=true</code> ; real-time)	Eventbrite allows events to be marked as online-only. Using the API, you can filter or search for events with the online flag. This yields thousands of webinars and virtual meetups (from yoga classes on Zoom to multi-day virtual summits). Data is updated live as events are created. Global reach (no location constraint).

Source	Website	Type of Online Events	Region	Integration & Feed	Notes
Meetup (Online events)	meetup.com	Virtual meetups, online social events	Global	API (GraphQL; real- time)	<p>Meetup features an “Online Events” section ³², especially since 2020. Groups worldwide host virtual gatherings (via Zoom, etc.). These are accessible via the API by specifying the event format or looking at groups that are “Online”. Integration is real-time.</p> <p>Many previously local groups now also offer virtual sessions accessible globally.</p>

Source	Website	Type of Online Events	Region	Integration & Feed	Notes
10Times (Virtual)	10times.com	Virtual conferences and trade shows	Global	Scraping or partner API	10Times has a category for online/virtual events , listing upcoming virtual conferences, expos, and webinars. It's a useful directory for professional virtual events (e.g. tech summits). No open API, but data can be scraped or obtained via their enterprise offerings. Updated regularly as organizers submit virtual events.

Source	Website	Type of Online Events	Region	Integration & Feed	Notes
LinkedIn Events	linkedin.com	Webinars, professional talks (often B2B)	Global	No public API (manual or scraping)	<p>LinkedIn's Events feature is used for professional webinars, panel discussions, and networking (often hosted via LinkedIn Live or external links). While it's a growing source of online event listings, LinkedIn does not offer an API for events. Scraping is also limited due to login requirements. It can be monitored manually or via third-party tools for major events (especially those promoted by companies).</p>

Source	Website	Type of Online Events	Region	Integration & Feed	Notes
Virtual Event Platforms	(e.g. Hopin, Crowdcast, Zoom)	Virtual conferences, online fairs on specific platforms	Global	APIs vary (often none for discovery)	Platforms that host virtual events (Hopin, Crowdcast, Zoom Events) sometimes have their own directories or discovery pages for public events. Integration is not standardized: some may offer APIs for event management, but not for public discovery. If targeting these, one might need to use their web listings or RSS if provided. These can add niche virtual festivals or large-scale online-only conferences to your data.

Notes: Many **online events** are captured by the same platforms as in-person events – the key is using the right filters. **Eventbrite** and **Meetup** are particularly rich sources for webinars and virtual classes when filtered appropriately (both introduced explicit online event support, meaning their data includes URLs to streaming platforms, timezones, etc.). In addition, specialized listings like **10Times** highlight virtual trade shows, which is useful for discovering large online conferences. **PredictHQ** (a commercial aggregator mentioned earlier) also tracks major online events in its data feed, categorizing them for demand forecasting ³³. However, for a universal discovery platform, leveraging the mainstream event APIs with online filters will cover the bulk of virtual events in real time. Keep in mind that online events

can attract a global audience, so regional targeting is less relevant – the focus should be on categories and topics. Also, watch out for duplication: the same webinar might be listed on multiple sites (e.g. a webinar could be on LinkedIn Events and Eventbrite); having a deduplication strategy (by title, time, organizer) is important when merging feeds.

Integration Considerations: Most sources above offer **official APIs or feeds**, which is ideal for reliability and real-time updates. For example, Ticketmaster, Eventbrite, Meetup, Active.com, Idealist, etc., have well-documented APIs that return JSON data which can be polled or sometimes subscribed to (webhooks) for changes. These typically operate under rate limits (e.g. Eventbrite's 2,000 calls/hour ⁵, Ticketmaster's 5,000 calls/day ³⁴) which should be accounted for in a large-scale aggregator.

Where no official API exists, **RSS/Atom or iCalendar (ICS) feeds** are the next best option – many calendar systems (Localist, Facebook Pages, WordPress event plugins) provide export feeds that update whenever events are added. These can be polled periodically (daily or more frequently) to get updates. For instance, Data Thistle (a UK aggregator) supplies data via RSS/JSON with a “last updated” timestamp to simplify incremental updates ³⁵.

If neither APIs nor feeds are available, **scraping** can be employed as a last resort. Scraping viability is noted for some sources like Facebook, 10times, CourseHorse, etc. Scrapers should be designed to handle pagination, date range queries (if any), and to avoid overloading the site (respecting any implied frequency limits). Tools like Apify or SerpApi can aid in scraping certain event sites (e.g. Google's event listings on search results ³⁶). Always consider the terms of service when scraping; if a source explicitly forbids it, it may be better to rely on third-party aggregators that have permission to redistribute the data (like PredictHQ, AllEvents.in, or Data Thistle for certain regions).

Data Update Frequency: In general, **real-time or near real-time** update capability is available for most major sources. When an event is created or updated on the source platform, the API will reflect it immediately or within minutes. For example, Meetup and Eventbrite events appear instantly via their APIs once published. Aggregators like **AllEvents.in** claim high-frequency refresh with deduplication ¹⁹, meaning they update their database very often (likely continuously crawling source sites). **PredictHQ** offers minute-to-minute updates for certain unscheduled events (like breaking news) ³⁷, but for scheduled events a daily sync is usually sufficient. Some feeds (e.g. Data Thistle's free RSS) might update daily ³⁸, while their API could be polled more often. It's wise to design the platform's data ingestion to handle a mix of **push** (webhooks where available) and **pull** (periodic polling) methods, tuned to each source's frequency: e.g. poll Ticketmaster API every few hours for new events, but maybe only refresh 10times data once per day if that's how often it changes.

In summary, by integrating these **diverse sources** – from ticketing giants and community calendars to volunteer networks and government APIs – a universal discovery platform can obtain comprehensive coverage of events. Prioritize the use of official APIs for reliability, and supplement with scraping or feeds for sources that lack them. Employ categorization and deduplication, since there is overlap (e.g. the same event might appear on Facebook, Eventbrite, and a local calendar). The sources listed above are large-scale, well-maintained and rich in metadata, forming a solid foundation for real-time event discovery across all domains of human experience.

Sources:

- Ticketmaster Developer API docs (event sources, coverage) ² ¹
- Mequoda: Eventbrite spans every niche (free ticketing and listing) ³

- AllEvents.in API page (scale: 200M events, 40k cities; frequent updates) 20 19
 - Data Thistle (UK events aggregator) – API/RSS feeds, daily updates noted 35 39
 - Meetup media page (100k+ events per week, global reach) 15 14
 - GitHub (Facebook Events API changes – public access no longer granted) 17
 - Idealist/VolunteerMatch API (80k+ opportunities, 180 countries, largest volunteer DB) 29 28
 - Active.com API (covers races, events, classes; open data for activities) 25
 - SeatGeek API (100k events, ticket data) 7
 - Songkick API (6 million concert listings) 9
 - Bandsintown API (largest upcoming concerts database) 12
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8 Getting started with the Songkick API

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