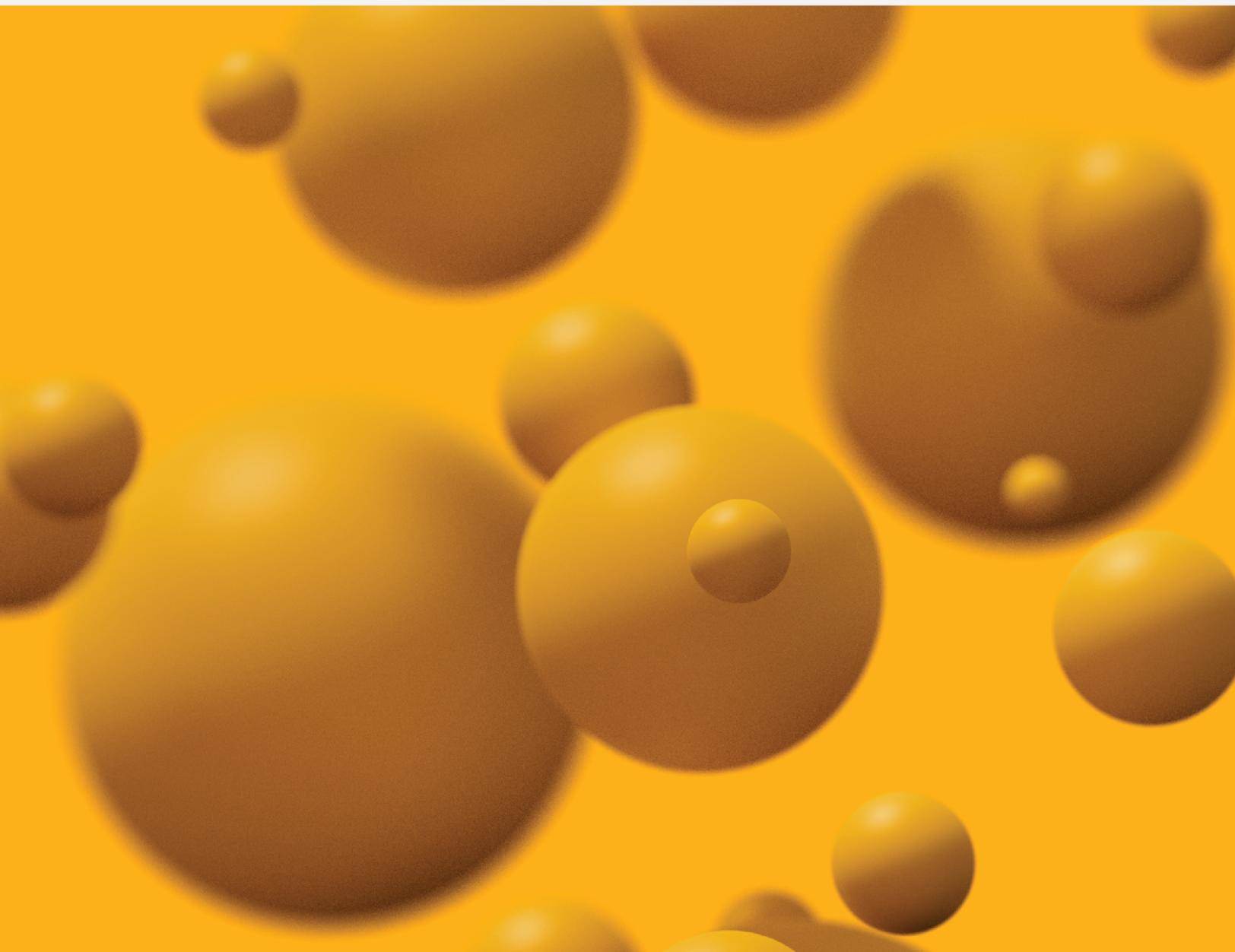


SAYARI GRAPH **USER GUIDE**

Sayari Graph is the first purpose-built tool for navigating the complexity of global corporate ownership, control, and commercial relationships.





Welcome to Sayari Graph

Your license gives you access to our database of over 1 billion public records, 800 million entity profiles, and 250+ official databases worldwide.

By combining the fine-grained detail of primary source documents and continuously updated data with cutting-edge data engineering architecture, Graph allows you to locate and retain the information that matters most for your use case:

- Identify beneficial owners and holdings in frontier jurisdictions from Mexico to China
- Find the closest path from your investigative subject to a sanctioned party or other entity
- Track people and companies across borders with dynamically resolving entity profiles
- Assess historical changes with time-stamped copies of records

We're excited to accelerate your data discovery process.

Quality data starts at the source.

Our data collection and refresh cycle allows us to refine existing connections and generate new ones with current data

(Fig. 1) with each new batch of public records we add to the platform:

- New documents are collected from official government registries
- Tailored algorithms extract information about companies, individuals, and corporate ownership and control relationships
- Entities with matching names, ID numbers, and connections are automatically merged into a single profile (see [Sayari Data Model](#) for more details)
- All entity profiles, and the records from which they were created, are uploaded to the Sayari Graph database

In addition to accessing our entity profiles, this platform allows you to view, translate, and download hundreds of millions of previously unsearchable text-indexed public records from hard-target jurisdictions like Mexico, Hong Kong, and Vietnam.

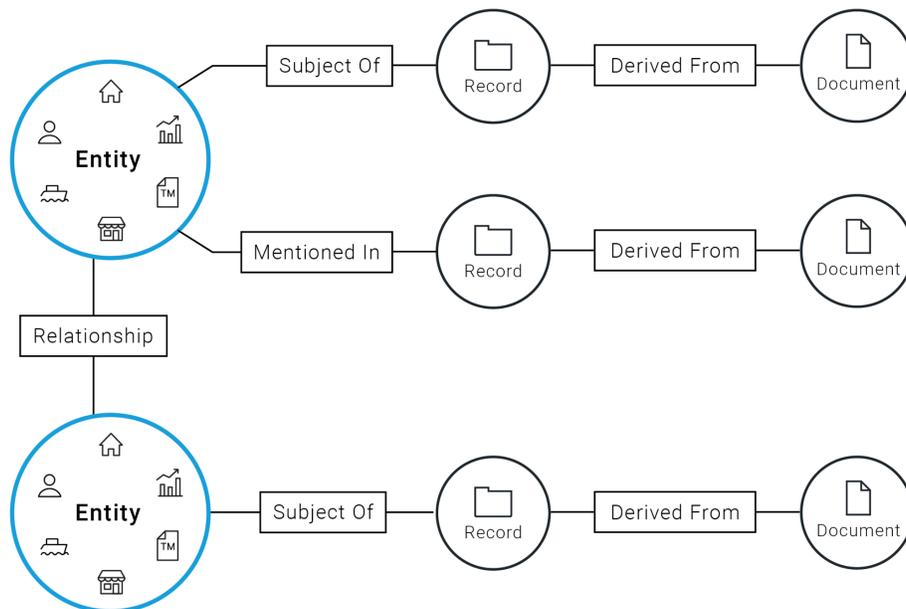
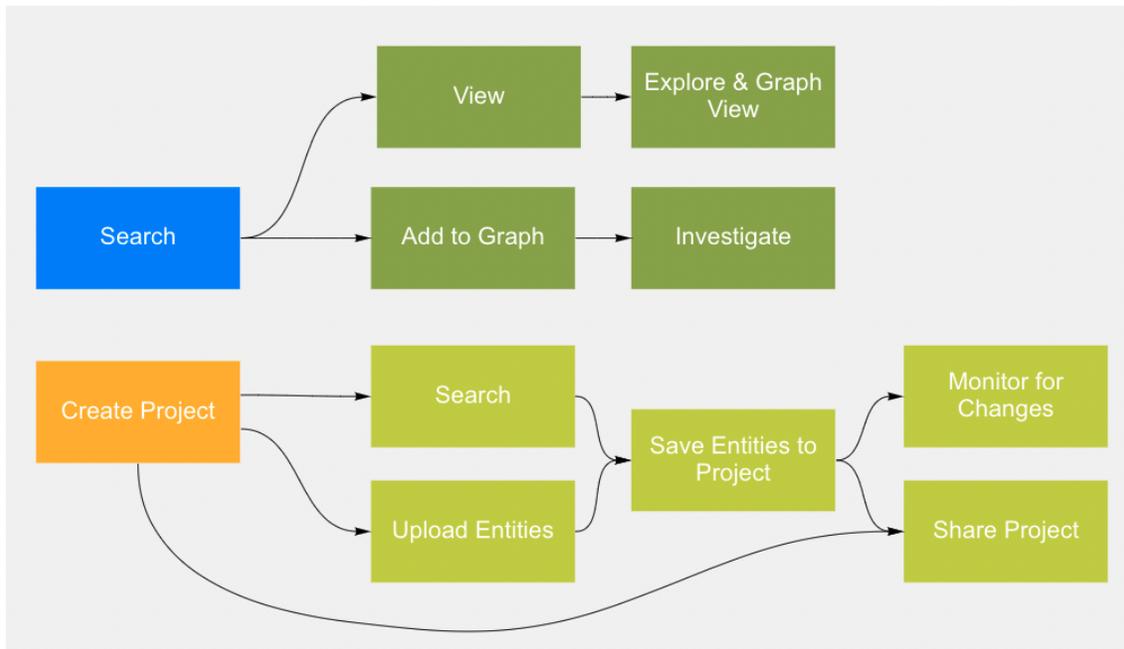


Figure 1: The Sayari data ingest schema

Workflow Guide

Sayari Graph offers streamlined workflows designed to help you identify, review, and explore the content in our database. After picking a specific investigative subject entity of interest, we recommend that you navigate through the platform using the following steps for Search. For Projects, we recommend following the steps for Create Project:



Workflow Actions

Search - Find profiles and records about your entity

Profile View - Get information about your entity

Explore & Graph View - Discover connections to risky or related entities

Add to Graph - Expand connections to create a network of related entities to assess risk, analyze relationships in a Graph format, and find records about these relationships.

Create Project - Create a Project to add entities to (either through Search or Batch Entity Upload)

Save Entities to Project - Search for entities and save them to an existing or new Project

Upload Entities - Use the Batch Entity Upload feature to upload entities and identify matches

Monitor for Changes - Find new information on your entities in Projects with the  icon.

Share Project - Select other users from your organization to share a Project with, and assign roles.

1. Log in

Log in at graph.sayari.com (most users) or govcloud.sayari.com (U.S. government users) with your email address and password. If you experience any issues logging in, please click on 'Forgot password?' or contact your Sayari account representative.

2. Run a search for your subject entity

After logging in, you'll see a search bar, featured content links, source list, and a list of your Projects. We'll cover My Projects in the [User Tools](#) section of this guide. Before you get started with your search, hover over a source on the right hand source list to see the content description.

To get started, type the name of the entity you're looking for - usually a person or company - into the search bar.

Click the magnifying glass or hit the Enter key on your keyboard to run the search.

The fastest way to find an entity is to search using the alphabet of the country where the entity is based, e.g. jorge cabrera or ادهم حسين طباجة . If you're not familiar with the relevant alphabet, you can get an approximate name with the Translate tool , which appears on the right-hand side of the search bar when you start typing.

We support cross-lingual searches out-of-the-box for some alphabets and languages. Roman alphabet search term results will include phonetic matches to Cyrillic script (e.g. 'viktor vekselberg' will return 'Вексельберг Виктор Феликсович'), and Chinese results will include proprietary translated matches (e.g. 'china national precision machinery') for companies and people.

3. Review search results for entity profiles.

Your search results will consist of both entity profiles and records. You can switch between viewing each set of results using the 'Entities/Records' toggle in the upper left of the results screen.

If there are entity results, the page will display results representing one or more entity profiles. Each entity profile shows basic details like the entity's name, type, and country/countries of activity.

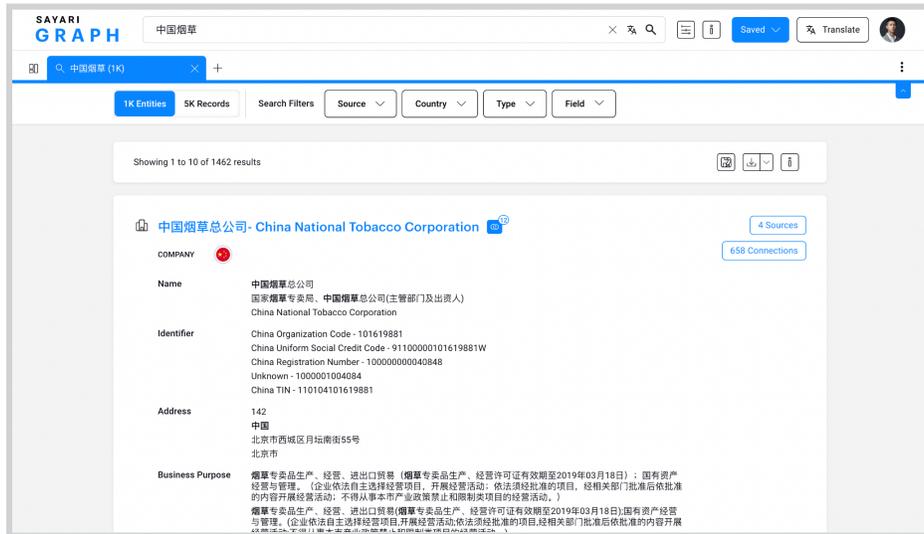


Figure 2: Search results for entity profiles

In each profile, all of your search terms matched at least one attribute field: name, address, etc. For instance, a search for 'john oak' will return entities named John Oak, as well as people named John with an address on Oak St.

If you're not getting useful results, try wrapping your terms in quotation marks to search for "an exact phrase." Take a look at the  icon in the results summary bar for more search tips, including 'fuzzy searches' for similar terms. You can also run a more specific search using the Advanced Search function, which can be opened via the slider icon  on the far right end of the search bar, or click on any of the field filters (Name/Identifier/Address/Contact) after your search.

You may come across several icons next to entity names throughout the platform:

-  This icon means that there are other entity profiles we think might be the same entity as this one. You can access the list of similar entities from Profile View.
-  This icon means that the entity is on a watchlist, like a financial sanctions or delinquent taxpayer list. Hover over the icon in any screen to see the name(s) of each watchlist on which the entity appears.
-  This icon means that the entity is mentioned in a list of politically exposed persons (PEPs), politicians, or public servants.

Watchlist and PEP data coverage is documented at learn.sayari.com/coverage-list/.

In some cases, it may be difficult to determine whether 'John Smith' tied to a Mexican joint stock company is the same person as 'John Smith' tied to a Lebanese SARL company. To avoid false positives, we only merge profiles that share certain characteristics in common. As a result, you may find more than one profile that represents your subject.

Entities that we think may be the same as other entities, but don't quite meet our entity resolution threshold are marked as 'Possibly Same As' ('PSA'), and will display a blue icon and a number that shows how many entities we believe to be possibly the same. (We'll return to this topic later when we cover entity profiles.)

4. Review search results for full-text records.

Our entity profiles are built from records, but some records can't be turned into entity profiles because they're not formatted consistently enough. In the platform, we call these types of records "unstructured." Examples include a scanned trademark application or longform British Virgin Islands company filings. These records exist in our database and remain text-searchable, regardless of whether we extracted an entity or not. Records are not the same as entity profiles, but support entity profiles.

To review records after a search, click on 'Records' in the 'Entities/Records' toggle on the left side of the filter bar. Instead of profile summaries, you'll see the text you searched matched against text from within an individual record.

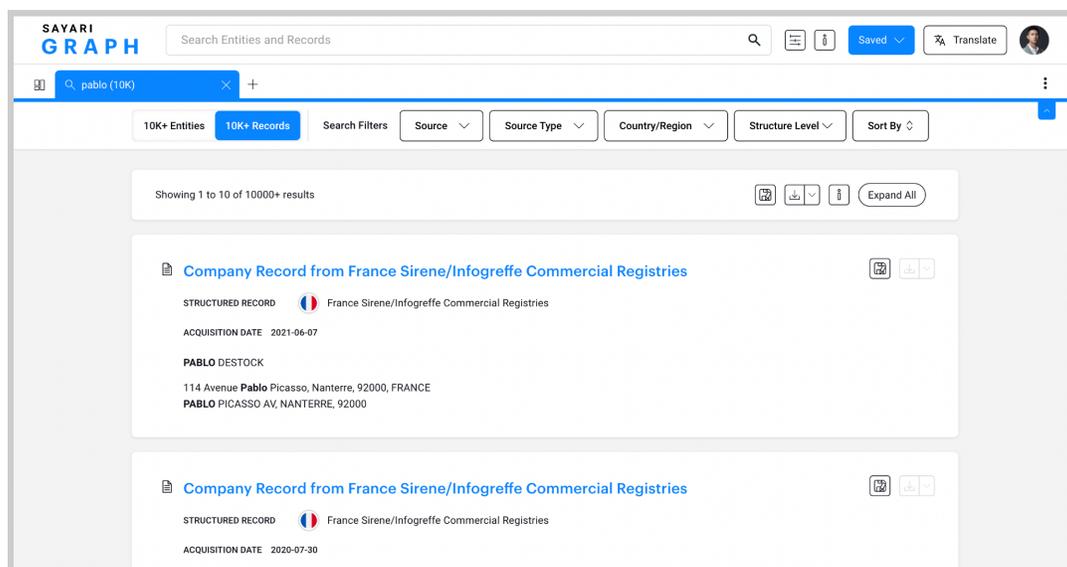


Figure 3: Search results for records

To save time, we highly recommend that users select 'Unstructured' in the Structure Level filter at the top right of the screen in order to return only longform text documents, which are the most likely to contain valuable content that didn't make it into an entity profile.

Record searches produce more results because your terms merely appeared on the same page of a record together. To narrow your results, search for an "exact phrase" in quotes, or run a proximity search, e.g. "bill gates"~4 (allowing 4 words between your terms), which will return mentions of 'Bill Gates,' 'Gates Bill H.,' and 'the Bill and Melinda Gates Foundation.'

Click on a result to open the Record View screen, which shows details about any entities or relationships we found in the record, plus the original page-by-page text, if the underlying document is a PDF. Download and translation functions are available in the record summary bar at the top of the page, along with a link

to the original database via the  icon when available. (For technical reasons, downloads are disabled if the original data was a large bulk file.)

When you're done reviewing records, click on the tab with your initial search results, then click the 'Entities/Records' toggle button again to return to entity profile results.

5. Review information in the entity profile(s) you found, returning to your search results tab for each potential match.

Once you've returned to entity profile search results, you can click on an entity name to view all the information in our database about that profile in the Profile View screen.

Profile View aggregates together all the details about an entity in the Sayari Graph database. The header box displays key entity details and allows you to save, export, and translate the information in the profile.

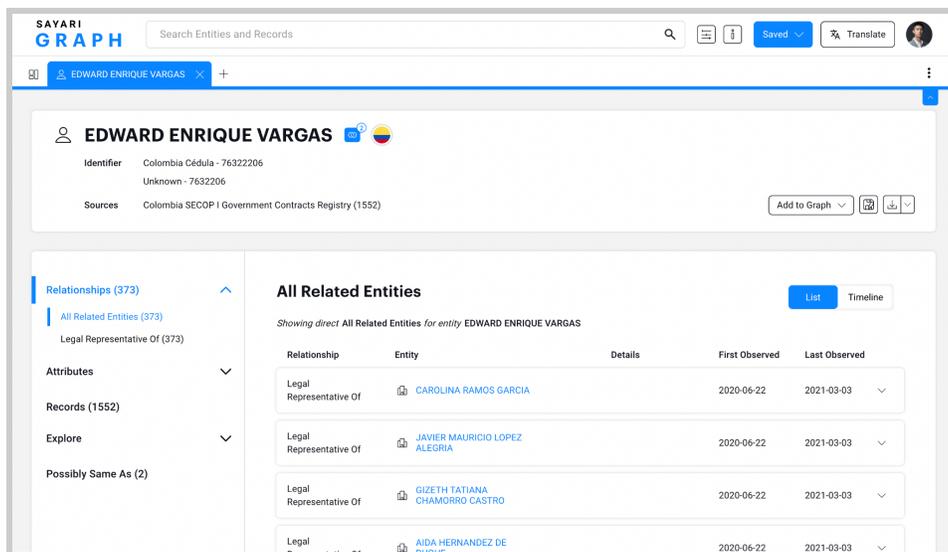


Figure 4: The Relationships section in Profile View

Saving an entity using the save icon  will also automatically enable change notifications for that saved entity. Any time new data is added to the saved profile, a notification will appear next to the Project it is saved in on the dashboard. You can see more details about the changes by clicking the bell icon  or by clicking through to the entity's profile page.

The main content is split into five sections; we discuss four of them here and the fifth ([Explore](#)) in the next section. The four main sections are:

<p>Relationships - Direct relationships with other entities. The most recent and oldest mentions of each relationship in our database are displayed in the 'First Observed' and 'Last Observed' columns. Additional details are available by clicking the arrow on the right end of each row. Please see 'Relationship dates' later in this guide for more information about how we generate and display relationship dates.</p>	<p>Possibly Same As - Other distinct entities in the Sayari Graph database that are similar to the entity you're currently viewing, but don't meet the criteria required to merge into a single profile. You can review matching attributes by clicking the arrow on the right side of each row. PSA entities are often listed in your original search results as well, so you may come across the same entity multiple times.</p>
<p>Attributes - Characteristics like a name, address, or ID number. For individuals, where available, this might also include date of birth, gender, and nationality.</p>	<p>Records - Every record in the Graph database that mentions the entity. For sources like litigation records, gazettes, and U.S. SEC 10-K filings, there are often valuable human-readable content that are too complex to be fully extracted into an entity profile. These records may benefit significantly from human review.</p>

Possibly Same As

The following entities may be the same as EDWARD ENRIQUE VARGAS based on similar attributes and relationships
Each of the profiles below may have additional information about this entity

EDWARD ENRIQUE VARGAS ⓘ		6 Connections ^
Current Entity	Possibly Same As Entity	
Name EDWARD ENRIQUE VARGAS	EDWARD ENRIQUE VARGAS	

EDWARD ENRIQUE VARGAS ⓘ		3 Connections v
-------------------------	--	-----------------

Figure 5: Co-director matching in the Possibly Same As section of Profile View

PSA entities appear as separate search results and entity profiles. However, you can choose to analyze them as a single group in Graph View and the Explore tool (see below).

6. Use the Explore tool and Graph View to identify sanctions/PEP risk, beneficial ownership, and more.

The Explore tool and Graph View allow you to take full advantage of the Sayari Graph data schema.

The Explore tool allows you to find indirect relationships between your entity and other entities in the Sayari Graph database. You can think of it like Google Maps driving directions that take you from your home (the entity profile from which you start) to a destination you specify (other entities), based on your choices about whether to include toll roads, go through/around a specific city, etc. (your Explore menu criteria).

Most users will want to start by using the presets in the left-hand navigation bar that automatically calculate beneficial ownership, downstream holdings, and proximity to watchlisted (sanctioned or 'risky') entities and politically exposed persons. Bear in mind that these settings may return few endpoint entities or no endpoint entities, depending on the entity whose profile you start from. For instance, running a beneficial ownership search from the profile of a Panamanian S.A. company will usually return no results because Panama does not disclose the identities of company shareholders.



Figure 6: A beneficial ownership chain in the Explore tool

You can find paths to any endpoint entity with a name of your choosing if you select 'All Relationships' in the navigation bar and run a search using the 'Related Entity Name' box. For instance, 监督管理委员 will find paths to China's State-owned Assets Supervision and Administration Commission.

You can customize how the Explore tool finds paths from your starting entity profile to any endpoint entities:

- The 'Watchlist/PEP' checkbox filters your results to endpoint entities that are on a watchlist or mentioned in a PEP/politician/public servant list.
- The 'Possibly Same As' checkbox allows the tool to use Possibly Same As relationships as stepping stones to get to your endpoint entities. This often produces a larger number of results.
- The Relationships, Country, and Entity Type filters narrow your results in two different ways:
 - The Relationships filter restricts the types of relationships the tool may use to navigate from your starting entity to any endpoint entities it identifies.
 - The Entity Type and Country filters restrict your endpoints to entities of a specific type and affiliated with a specific country, respectively.
- The Distance slider lets you set upper and lower limits on the degrees of separation between your starting and endpoint entities. If you click on the 'All Relationships' preset in the sidebar without applying any filters, the first page of results will display direct ("one hop") connections. These are the same entities you can see on the Relationships section. Increasing the Distance slider's lower limit to two hops or more will display entities indirectly connected to your starting entity. Increasing the distance will also increase calculation time, and will usually decrease the relevance of results - just about anybody is ten hops from someone!

Below the controls, you can:

- Toggle between different visual models of the paths
- Hover over/click on path segments to review detailed information about each segment
- Advance to the next set of endpoint entities that meet your criteria using the pagination buttons on the right side.

Explore results only come from the Relationships section of the profile you're currently viewing. If you find two valid profiles for an entity, and one is connected to a single property but the other is connected to 10 companies, the Explore tool could turn up zero results for the first profile and 500 results for the second. If the two entities are PSA matches, you can avoid this by checking the PSA box in the Explore tool menu.

While the Explore tool is useful for identifying endpoint entities that meet specific criteria, you will likely also want to review entity relationships in a more open-ended format.

To do so, either add your Explore paths to Graph View using the checkboxes on the left side of each path in the Explore tool, or click any of the 'Add to Graph' buttons that appear in search results and on entity profiles. Either action will take you to a new tab that starts in Graph View.

Graph View is an open-ended tool you can use to survey and navigate entity relationships. If the Explore tool acts like Google Maps driving directions, Graph View is more like Google Earth. This can help discern patterns of relationships that may not be obvious in Explore.

There are some visual elements that signify important information about the entities being displayed. Entity nodes are colored depending on their type, and watchlist/PEP entities display red warning signs similar to the ones on entity profiles.

Entity Graph Colors

 Blue Entity	 Yellow Company
 Green Legal Matter	 Purple Security Trade Name Vessel Aircraft Intellectual Property

The number of direct relationships per entity is displayed in the upper right corner of each node. Entities with Possibly Same As relationships have a second circle around the node, and are grouped together by default.

To interact with the data in Graph View, use the following tools and methods:

- Click and drag your mouse to move around the screen
- Click once on an entity to review its information on the card on the right-hand side of the screen
- Use the 'Entity Connections' controls on the card to show/hide different relationship types for the selected entity
- Double-click on an entity to open all its direct relationships
- Click on a relationship to display detail and sourcing information about it on the card

- After selecting up to 10 different entities using Shift-click or the multi-select tool (see below), a 'Find Shortest Path' button will appear on the card. Click on it to find the shortest path connecting your selected entities.
- Use the buttons in the toolbar to:
 - Toggle between a navigation cursor and a multi-entity selection box cursor (or select multiple entities using Shift-click)
 - Zoom in and out (or use the scroll function on a trackpad)
 - Change the visual layout from a standard "starburst" to a hierarchy
 - Download an image or CSV file of the relationships on the screen
 - Undo or redo an action
 - Invert the current selection of entities
 - Remove the selected entity or all visible entities
 - Save the graph or Save As a new graph
 - Pin one or more nodes in place to prevent them from moving
 - Find a currently visible entity node by name

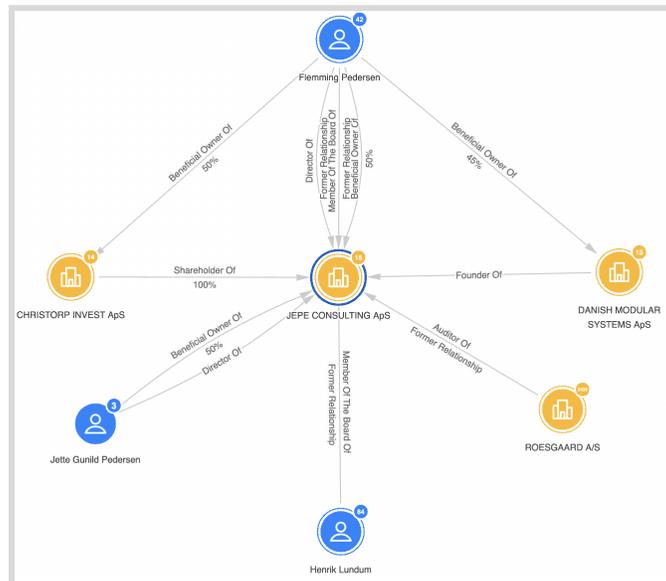


Figure 7: A hierarchical layout in Graph View



Figure 8: The Graph View toolbar

This concludes the standard workflow tutorial. Please see the next section for an overview of the user tools available in Sayari Graph, followed by a second section about how relationship dates work in the platform.

If you would like to provide feedback on Graph or need Customer Support, please visit [Sayari Learn](#).

User Tools

This section summarizes how to use the tools in Sayari Graph to track your investigations, easily navigate our database, and retain content you find in the platform.

1. Translation tools

Translation tools powered by Google Translate are available at key points in the Sayari Graph workflow for your convenience. Google's translation may differ from foreign language names reported in a given entity's profile.

Translate your search terms

- Entering text into the search bar at the top of the screen causes a Translate button  to appear on the right end of the bar. The tool will translate the terms from the starting language (this defaults to English) to the language you select in the 'Translate To' dropdown, highlighting them in yellow. Click again on the Translate button to change or turn off the translation.

Translate information about entities and records

- You can translate the information you see in search results, entity profiles, records, and graphs using the large, rectangular 'Translate' button in the upper right corner of the screen next to your user icon. The tool automatically detects the languages on the page and translates them to English by default (you can change the 'to' language in the dropdown menu). Translated text is highlighted in yellow; hover over it to see the original, untranslated text. Click the 'Show Original' button below the rectangular Translate button to toggle the translation on and off; click the 'Clear' button to turn off the translations *and* reset your Translate button parameters.

2. Exporting items to shareable file types

Most screens in Graph allow you to generate an export file that you can print, share, or load into another application. Simply click the  icon to download the file.

Search View

- After running a search, click the icon to export the current page of search results to a CSV file

Profile View

- Click the icon and select 'Dossier' to download a PDF version of the entity profile with its relationships, attributes, and Possibly Same As connections.

- Click the icon and select 'Spreadsheet' to download a Microsoft Excel version of the entity's attributes and relationships, separated into two tabs.
- Click the icon and select 'Relationships' or 'Attributes' to download a CSV of the entity's relationships or attributes. We recommend this option for advanced users who plan to upload the entity's information to an external relational database or link analysis program.
- From the Explore tool, click the icon to export the current page of up to 20 Explore results to a CSV file

Graph View

- Click the icon and select 'Download PNG' to export an image of the visual layout of the graph.
- Click the icon and select 'Download CSV Relationships' or 'Download CSV Attributes' to export a CSV file of the currently visible relationships and attributes, respectively.

3. Saving items to My Projects

Projects act like folders that let you save items you find while using the platform to access later. Saveable items include entity profiles, records, graphs, and search parameters. Graph's Entity Change Notification feature will notify you about changes to saved entities automatically via a bell  icon when you are logged in.

To create a Project, click the '+' button in the upper right-hand corner of the 'Projects' square on the home page and assign it a name.

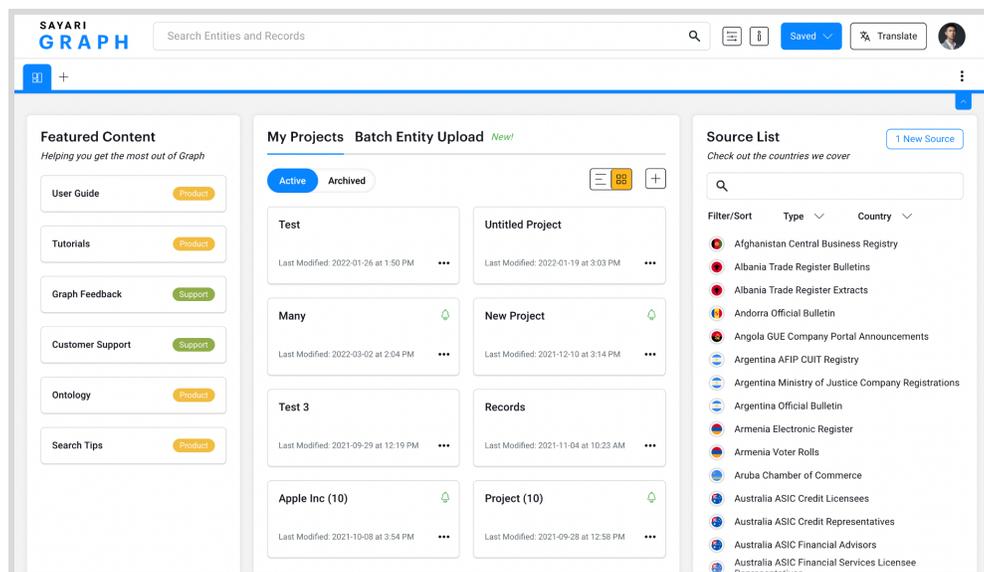


Figure 8: The Dashboard

Clicking on a Project name from the dashboard will take you to the Project summary page, which lists all the saved items in that Project. Using the ellipsis **...** buttons, you can also rename, archive (marks the Project 'Archived,' but does not delete it), or fully delete the Project and any individual item in it.

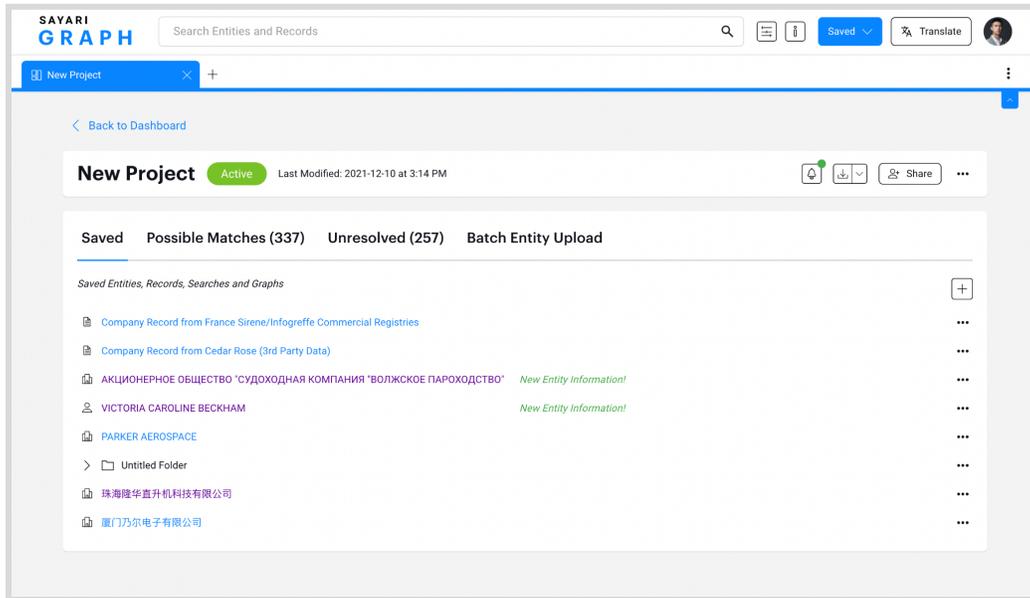


Figure 9: The Project summary page

Throughout the platform's various screens, you'll see a  icon that allows you to save that piece of content to a Project. Clicking the button will prompt you to select a destination Project or create a new one. Once you select a Project and click 'Save', the platform will store your content in the selected Project.

While our data refresh cycle does not erase old data, please bear in mind that saving content only saves a link to go back to the page where that content is located in the product, like a web browser bookmark. For example, if you save a company profile and the shareholders change at a later date, your saved profile will take you to the company's profile page, which will display both the new shareholders and the old. (Saved graphs will show the same entities, but their underlying details may change.)

You can view the date when a saved item was last updated via the 'Date Modified' column in the Project summary screen. To save a static snapshot of exactly what a given screen looked like at the time you accessed it, you should use the CSV, PDF and PNG export buttons throughout the product.

4. Project Sharing

The Project sharing feature allows you to share your Projects with other users in your organization. By selecting the Share icon  Project owners can share a Project with other users, and assign them different permissions. You can select all users from your organization, or specific users to share a Project with. Assigning users to the owner, editor, or viewer role will determine how other users can interact with or change the Project.

- Project owners can share the Project, assign and update user roles, and delete the Project.
- Project editors can add and remove saved resources within a Project.
- Project viewers can only view the Project and shared list.

After sharing the Project with users, clicking the Shared Project icon  allows a Project owner to add, delete, or change a user's permissions on the Project. Each Shared Project will at least have one owner.

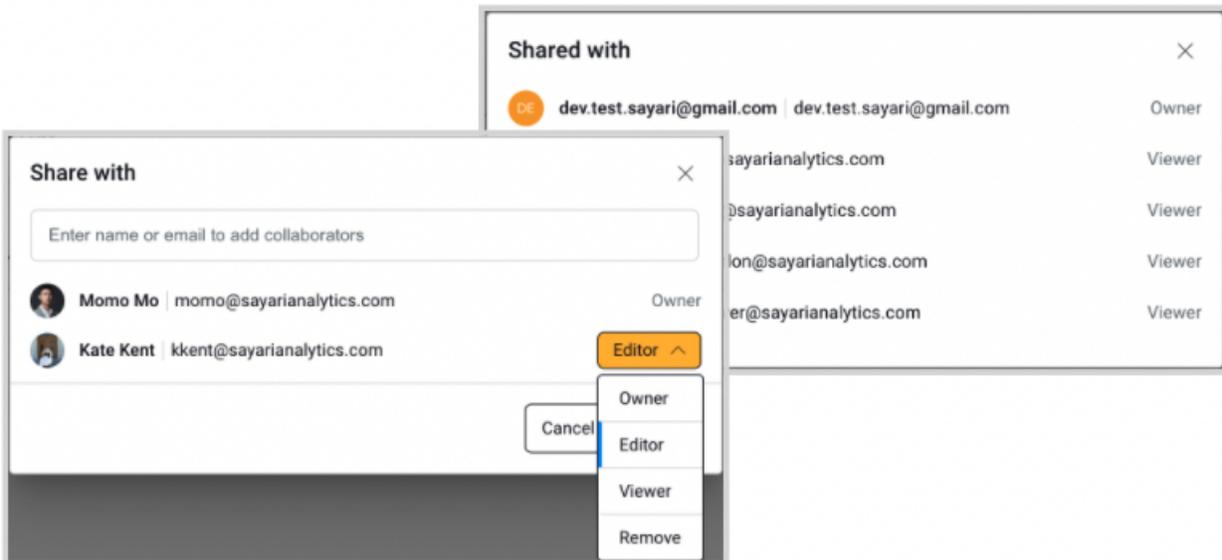


Figure 10: Owner's Shared List | Figure 11: Viewer's Shared List

5. Batch Entity Upload

Batch Entity Upload provides the option to upload lists of entities and match them against Graph data. To upload entities, create a CSV spreadsheet with one or more columns for each entity attribute to match against, including name, identifier, address, contact, date_of_birth, and country. Download the CSV Example file for guidance. You can upload files either through the Batch Entity Upload page and assign it

to a new or existing Project, or upload it directly within an existing Project in My Projects by selecting the batch upload icon on the left hand navigation.

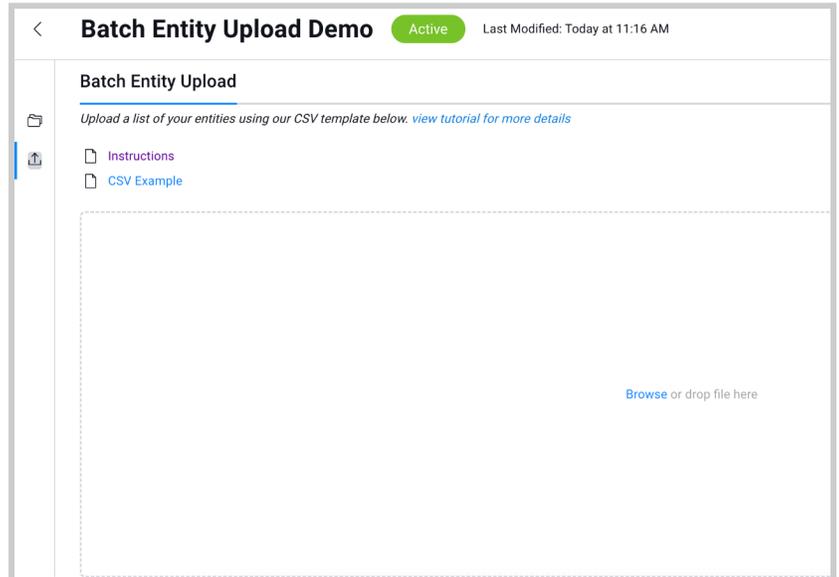
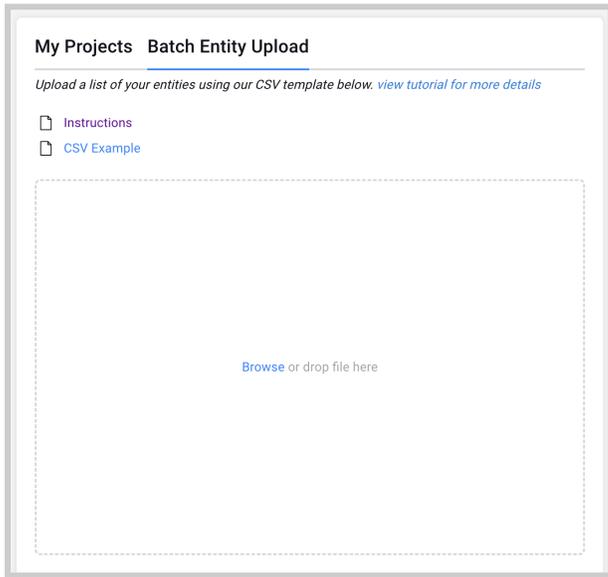


Figure 12: Batch Entity Upload on Dashboard Page | Figure 13: Batch Entity Upload on Project Page

If there is only one match for an uploaded entity, it will automatically be saved to the Project it was uploaded to. If more than one match is identified, they will appear in Possible Matches, where you can review the matches and choose which entities to save to your Project. The Counts column indicates how many possible matches have been identified in Graph for an entity.

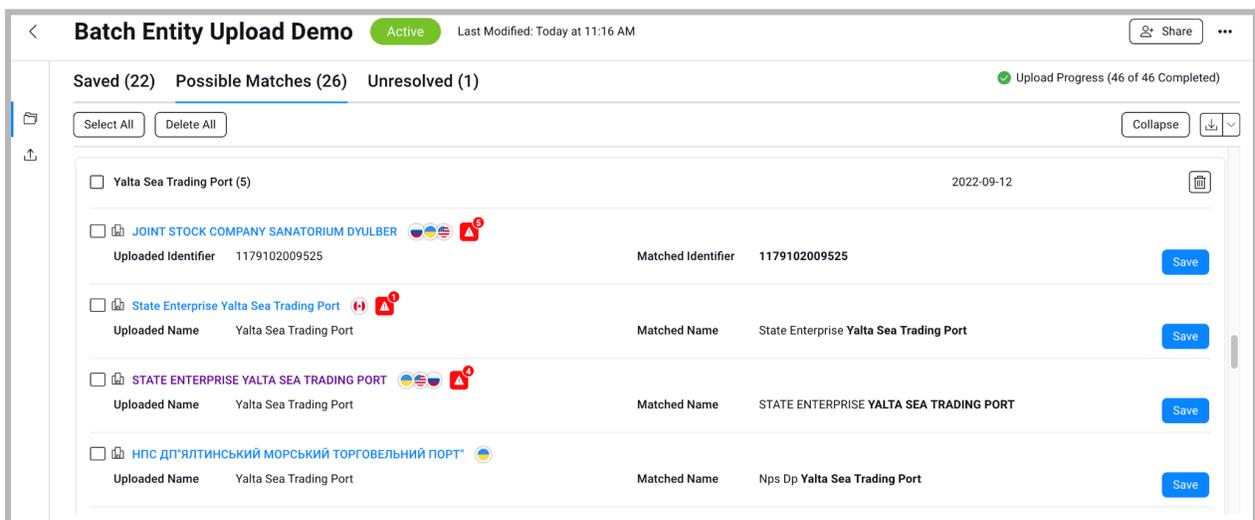


Figure 14: Possible Matches and Review Function

If you want to save more than one possible match, use the checkboxes on the left hand side and select “Save Selected.” When you click  , you will save only that entity to a Project, and the remaining possible matches for an entity will be removed. Entities saved in this section will appear in the “Saved” section of your Project.

Entities that are unable to be resolved will appear in the Unresolved section of your Project. From there you can download any unresolved entities in the same .csv format and if desired make any necessary changes to re-upload and try to match them again.

6. Sayari Risk Factors

Sayari Risk Factors appear throughout Sayari Graph, highlighting the presence of information that indicates a possible risk. Each group of risk factors is color-coded to convey the associated severity of risk; Critical Risk Factors display with a **red** icon, High Risk Factors display with an **orange** icon, and Elevated Risk Factors display with a **yellow** icon. Elevated Risk factors are mainly derived from Adverse Media sources, therefore are represented as lower risk as they are not based on official sources. We are also introducing Risk-Relevant Information, which may indicate the presence of a risk and is displayed in the Risk Factors tab of the entity profile with a **white** icon.

 Critical Risk Factors	 High Risk Factors	 Elevated Risk Factors - Adverse Media	 Risk- Relevant Information
Sanctioned	Former Sanctions	Terrorism	Basel AML Index Score (new!)
Forced Labor (Xinjiang Region) (new!)	State-Owned Enterprise (SOE)	Organized Crime	Corruption Perceptions Index
Export Controls List (new!)	Politically Exposed Person (PEP)	Financial Crime	EU High Risk Third Countries
	Possibly the Same as a Politically Exposed Person (new!)	Bribery and Corruption	
	Possibly the Same as a Sanctioned Entity (new!)	Forced Labor and Modern Slavery	
	Distance to Sanctioned Entity (3 hops or less) (new!)	Cybercrime	

	Distance to Politically Exposed Person (3 hops or less) (new!)	Other Reputational Risk	
		Law Enforcement Action	
		Regulatory Action	
		High Risk / Cash Intensive Industries (new!)	

Users will be able to interact with Sayari Risk Factors throughout the UI. Users can now also filter entities by risk in the Graph View and Explore.

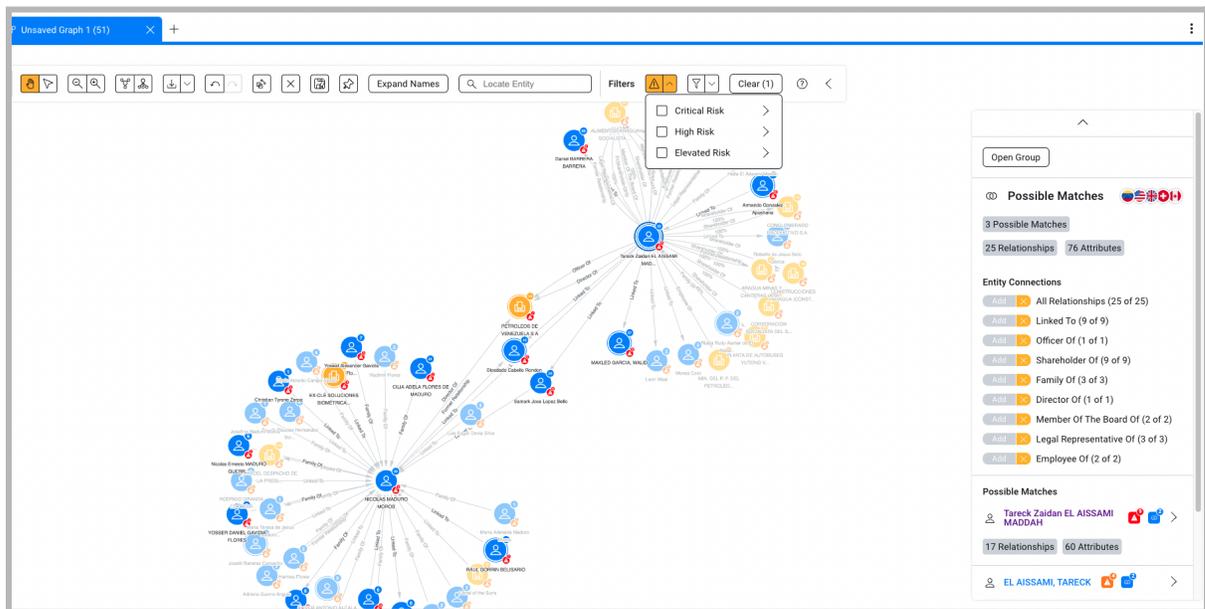


Figure 15: Risk Factor icons in Graph View with risk filters

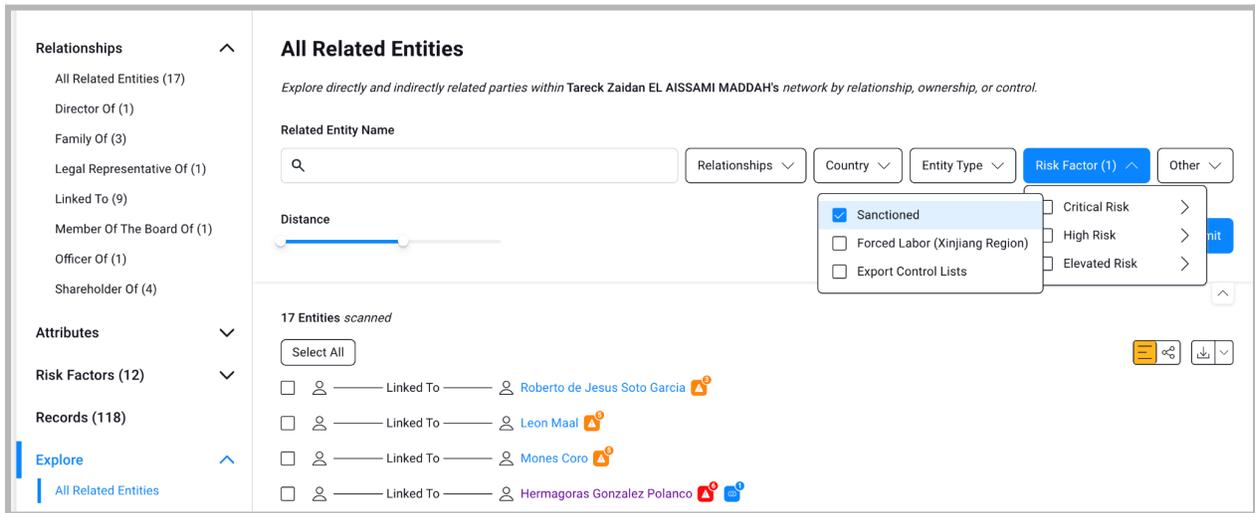


Figure 16: Risk Factor icons in Explore with risk filters

Users can view additional information on an entity's risks by accessing the Risk Factors tab on the left-hand menu of an entity profile and clicking on the links. Additional data on risks is available in the Attributes tab.

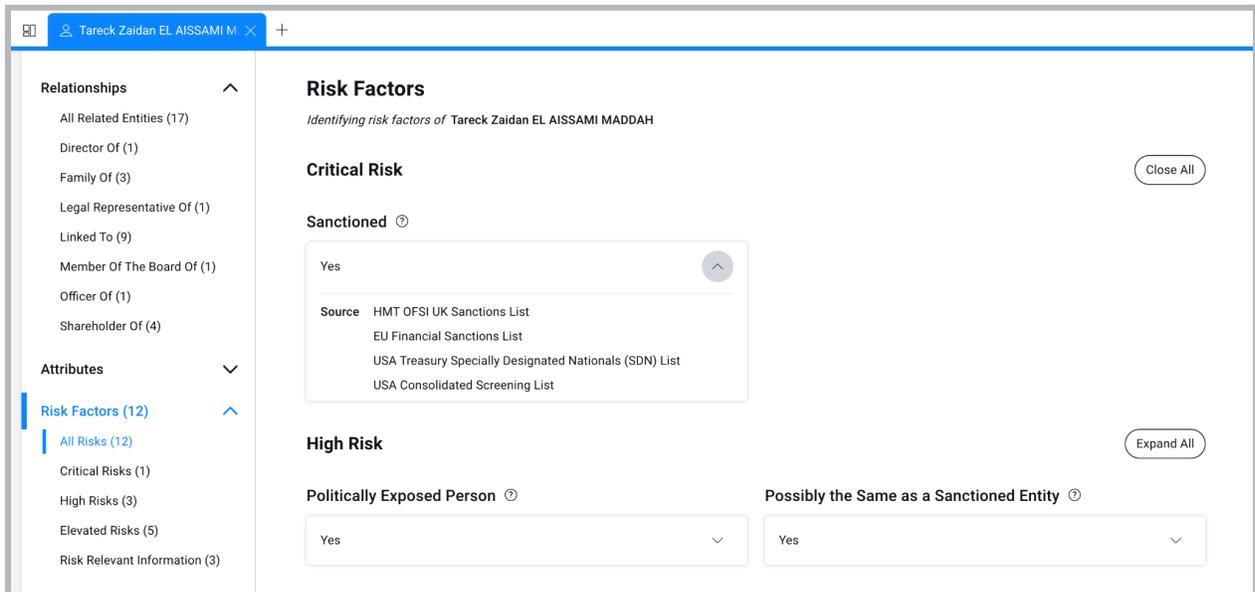


Figure 17: Risk Factors in Entity Profile

Additional Information

Relationship dates

Dates pertaining to entity relationships are displayed in the Relationships section of the Profile View view, the Explore tool, and in Graph View.

This section describes the significance of the dates shown in those three areas.

Profile View - Relationships

The 'First Observed'/'Last Observed' columns display the dates of the earliest and most recent mentions of the specified relationship in any records in our database. The 'Last Observed' date represents the most up-to-date information we have about that relationship, and will be updated if we ingest a newer record that confirms the existing relationship. If only the 'Last Observed' column has a date, it means we have one date on which the relationship was mentioned in our database.

For more detail, users can click the arrow at the right end of the row to view additional context and citations. This shows the following information:

- Up to 15 different records mentioning the relationship, each with an assortment of possible relationship and/or record dates.

The screenshot shows a table titled "All Relationships" with the subtitle "Showing all relationships for entity MAYANK PRAKASH". The table has five columns: "Relationship", "Entity", "First Observed", "Last Observed", and an expandable arrow. The first row shows a "Director Of" relationship with "Director" as the entity, "UBER BRITANNIA LIMITED" as the entity name, "2020-04-07" as the first observed date, and "2020-09-30" as the last observed date. Below this row, the expanded view shows two sections of information. The first section, titled "Director Of", lists "Position: Director", "Start Date: 2020-04-07", and "Publication Date: 2020-09-30", with a link to "Company Record from UK Corporate Registry". The second section, titled "Position", lists "Position: Director", "Start Date: 2020-04-07", and "Publication Date: 2020-05-06", also with a link to "Company Record from UK Corporate Registry".

Relationship	Entity	First Observed	Last Observed		
Director Of	Director	UBER BRITANNIA LIMITED	2020-04-07	2020-09-30	^

Director Of

Position	Director	Position	Director
Start Date	2020-04-07	Start Date	2020-04-07
Publication Date	2020-09-30	Publication Date	2020-07-08

[Company Record from UK Corporate Registry](#) [Company Record from UK Corporate Registry](#)

Position	Director
Start Date	2020-04-07
Publication Date	2020-05-06

[Company Record from UK Corporate Registry](#)

Figure 18: The expanded context and citations view of a relationship in Profile View.

- The type of date is displayed next to the value: 'Start Date,' 'Date,' 'End Date,' 'Publication Date,' or 'Acquisition Date.' The first three are used when the record explicitly states when the relationship began, was active, or ended, respectively. If the record does not provide any relationship dates Graph assigns the record date to the relationship, using either the date when the record was published ('Publication Date'), or, if there is no publication date, the date when we downloaded it to our database ('Acquisition Date').

The recency of dates in the First Observed/Last Observed columns is determined by the structure of the databases mentioning each relationship. Databases usually contain either 'snapshot' records or document filings. Snapshot records are constantly updating profiles. We represent relationships in these records as being current as of the date we downloaded the record. When we refresh a snapshot data source, all records receive a new snapshot, and the 'Last Observed' date for all relationships mentioned in the source at the time of the refresh will change to the new date. Document filings include records like company meeting minutes and gazettes published on a specific date. If relationship dates are not provided in the document or are unable to be extracted by a computer, we represent relationships in the record as being current as of the publication date. When we refresh a document filing source, only the entities about which new documents were filed will receive a new record. The 'Last Observed' date for relationships mentioned in the new batch of records will change only if the relationship date in one of the newly filed documents is more recent than the existing date.

Users should bear in mind that the relationships table includes both active and inactive relationships. Inactive relationships are marked as such when they are explicitly identified in a record as inactive. Inactive relationships are also reported when our database detects that a related party has disappeared from a record collected from a "snapshot" database that reports a consistent, comprehensive set of related parties. In both cases, a gray dot next to the related entity and "Former Relationship" signifies that the relationship is no longer active.

To view 'snapshots' in time of the related entities connected to your investigative subject - like the current cohort of shareholders and directors for a company - users should consult the Records section of the Profile View screen. For each source, records primarily about your entity of interest appear with a star next to the record name. Using this method, you can examine who was tied to a company each time we collected a record about it.

Records
Records sourcing all attribute and relationship information on 中国黄金集团公司

Filters
Source ▾

Record Name	Source	Publication Date	Acquisition Date
Company Record from Legal Entity Identifier (LEI) Registry (3rd Party Data) ★	Legal Entity Identifier (LEI) Registry (3rd Party Data)	2021-03-13	2021-03-13
Company Record from Legal Entity Identifier (LEI) Registry (3rd Party Data) ★	Legal Entity Identifier (LEI) Registry (3rd Party Data)	2020-03-03	2020-03-03
Company Record from China SAIC ★	China SAIC	2018-07-01	2018-07-01
Company Record from China SAIC	China SAIC	2019-02-18	2019-02-18

Figure 19: The star next to the record name indicates that it is primarily about the entity whose profile you are currently viewing

Profile View - Explore

Date information is displayed on the right-hand card when the user clicks on a specific path segment. The Explore tool displays relationship, publication, or document acquisition dates where relevant for each record mentioning the highlighted segment.

Graph View

Graph View displays the same dates and records shown in the context and citations section of each relationship in Profile View, sorted vertically in chronological order from newest to oldest. Details about the relationship and type of date are displayed in the top half of the card, which users can access by clicking the arrow next to 'Details.' The bottom half of the card lists the records that produced those dates.

ELON MUSK

Beneficial Owner Of

Position Nepřímý skutečný majitel; Náhradní skutečný majitel podle § 5 zákona č. 37/2021 Sb.

Start Date 2021-06-01

As Of 2021-11-22

Company Record from Czech UBO Registry

Tesla Czech Republic s.r.o.

Source

Czech UBO Registry

Figure 20: The information card in Graph View provides additional detail about relationship dates and records when expanded.