



### AVA (Advanced Visual Analyzer for Entities and Relationship)

Function Extension of FORMAT-SAM







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#### **Preface**

Dear User,

In this documentation, we show how AVA (Advanced Visual Analyzer for Entities and Relationship) can facilitate the analysis of business contacts in your daily routine. Please take the time to read through this documentation to fully utilize the benefits this software offers you.

Words displayed in blue (underlined) are references, and you can access the reference source with a mouse click.

You are welcome to have AVA (Advanced Visual Analyzer for Entities and Relationship) visually demonstrated:

#### Watch the explainer video now.

We hope that our documentation supports and eases your work. Therefore, we gladly welcome your wishes and suggestions to incorporate them into our future work.

Yours FORMAT Software Service GmbH



# 1 Access

You access AVA in **FORMAT-SAM** via a link in the <u>sanctions list data of an inspection result</u> in the **AVA profile field**.

AVA is web-based, so it does not open in FORMAT-SAM, but separately in the internet browser.

# 2 Analysis with AVA

How to analyse relationships with AVA:

- 1. In FORMAT-SAM, enter a data record for checking in the **individual check** or **search** area.
  - > The sanctions list check is triggered.
  - > If the sanctions list check yields results, the results are displayed.
- 2. Select an entry from the results.
  - > All available details of this hit are displayed in the sanctions list data area.
- 3. Click on the corresponding AVA link in the AVA profile field.
  ➢ You will be automatically redirected to AVA.
- 4. Log in with your access data.
  - The desired entity is displayed in AVA including all available information.
    Note: All sanctions list entries in the FORMAT sanctions lists are listed regardless of your subscribed sanctions lists.



# 3 Programme interface

Elements of the programme interface:

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Entities	Übersicht								
	Einfach Erweitert								
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lowjones/SamCustomers/9999999 DbSystem: PostgreSQL, DbName:	tng_ava_db, DbServer: 10.220.1.3				8				

1 Menu Area	In the menu area, you can access an overview of the <b>entities</b> with a search function by clicking on the Entities program item. You can hide the menu area with the double arrow pointing left <b>6</b> . You can show it again with the double arrow pointing right (not shown).
Title Bar	<ul> <li>In the title bar, the selected module is displayed. You can configure the display and log out using the button 3.</li> <li>The following display settings are possible:</li> <li>Font size: You can change this using the - <i>I</i> + buttons or reset it to the default value (default value 13.0) using the Default button.</li> <li>Display: Here you can choose between a light and a dark theme.</li> <li>Settings: <ul> <li>Reset dialogues: This resets all individual dialogue settings.</li> <li>Example:</li> <li>In various dialogues, select Do not show demand again.</li> <li>Use the Reset dialogue option to cancel this selection for all dialogues and the respective dialogue will be displayed again in the corresponding situation.</li> <li>Show info text: Here you can decide whether you want to display tooltips with the option Yes, or not (option: No).</li> </ul> </li> <li>Log out: Use this option to log out.</li> <li>Note: The changes will only take effect after the website has been reloaded.</li> </ul>



4 Search Area	In this area you can specify the display and <u>search criteria</u> for the overviews.
<b>5</b> Display Area	The overviews you are working with appear in this area after calling up the function.
Action Bar	In this area, you can use the button to display the overview in the Full screen mode, which you can exit again by clicking on the full of the number of data records displayed is listed next to it. If the data is filtered, the number of data records loaded and the total number of data records displayed is shown in brackets. Set filters can be cancelled with the <b>Reset filter</b> button. You can also use the <b>Reset layout</b> button to restore the default layout. <b>Note:</b> The <b>Reset filter</b> and <b>Reset layout</b> buttons are highlighted in colour as soon as a filter has been set or the layout has been adjusted.
8 Information Bar	Information about your current session is displayed here.



# 3.1 Entity

The detailed view **entity** is structured as follows:

	Abramovich				
Roman Arkadevi	ich Abramovich				
ID	bfc86076-4a4e-4f08-bf99- ddae28178257				
Name	Roman Arkadevich Abramovich				
Тур	Person				
Gerichtsbarkeit	RU				
Beschreibung	Israeli-Russian oligarch, and politician				
Geschlecht	Male				
Geburtstag	1966-10-24 (58)				
Dow Jones Kategorie					
p	Wert	Anmerkungen			
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Beispiel: Entität Roman Arkadevich Abramovich

**Note:** Depending on how much information is available for an entity, the interface is dynamic and the corresponding sub-areas are displayed.

The following sub-areas exist:

Profile

The most important information about an entity is summarised here. The icon next to the name allows you to recognise the <u>entity type</u> at first glance.

Labels

If the entity is sanctioned, this is shown here in red. The countries or organisations that have imposed

sanctions against the contact are also listed. Helpful labels such as politicians are also displayed here.

Dow Jones Category

The DowJones category to which the contact is assigned is displayed here. **Note:** Only displayed if the DowJones data package has been subscribed to.

Alternative Names

The known alternative names/spellings or artist names of the contact are displayed here.



- Person/Company/Ship Information All information relating to the entity, such as place of birth, nationality, company ID or ship type, etc., is displayed here.
- Person Identification Here, data that leads to the identification of the person, such as the ID card number, is displayed.
- Social Media Here you will find the links to Instagram and others.
- Hard Keys Through this, you can access external sources, e.g., WIKI Data.
- Addresses The known addresses of the entity are displayed here.
- Sanctions list information
   All sanctions list entries for this entity are listed here. You can use the links to jump directly to the English legal documents and sources.

   Note: Longer texts can be found separately below the list to make them easier to read.
- Other information

Further information and the corresponding sources are listed here. **Note:** Longer texts can be found separately below the list to make them easier to read.

• All information

All information relating to the entity is listed here in alphabetical order. **Note:** Longer texts can be found separately below the list to make them easier to read.

• Relationships

Known relationships to other entities are listed here according to your licenced data packages. Personal relationships between individuals as well as company shares and company links can be traced here. These are relevant for analysing the business relationship with the corresponding entity, but are not logged. The *Label* column shows at a glance whether this entity is sanctioned. The corresponding sanctions list is displayed in the *Sources* column.

Source

The respective source of the data is displayed here.



## 3.1.1 Entity types

In AVA, a distinction is made between the following entity types:

lcon	Entity
-	Educational Institution
	Company
*	Airplane
ф	Organization
-	Party
1	Person
-	Government of a Country
<b>£</b>	Ship
-	University
	Association



# 3.2 Overviews

#### Elements of the overviews:

AVA				
Übersicht				
Finfach Enweitert				J
Limit 30				
entity				
Name Nicht gesetzt ~	Entitätstyp	Auswählen	<u> </u>	
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Investment.		Pers	on	Dow Jones® - Sanctions Control and Ownership SI
		0		
15 (30 Gesamt) Datensätze			-	Filter zurücksetzen Layout zurücksetzen

Beispiel: Übersicht AVA > Entitäten > Einfache Ansicht

<b>1</b> Search Area	Used for <u>searching</u> selected values.
2 Column Header	<ul> <li>You can use the column header to arrange the data in the overview as you wish.</li> <li>Changing the column sequence: Click on a column header and drag it to the desired position while holding down the mouse button.</li> <li>Remove a column: Click on a column header and drag it into the title bar while holding down the mouse button.</li> <li>Adjusting the column width: Hold the mouse pointer over the line between two column headers. A double arrow appears. Move the double arrow in the desired direction or doubleclick to automatically adjust the column width.</li> </ul>
<b>3</b> Display of Sort Direction	In this area, you can sort data records alphabetically by column.



	To sort the data records within a column:
	<ol> <li>Click on the column header of the corresponding column</li> <li>The upward arrow appears 3</li> <li>The records are sorted in ascending alphabetical order</li> </ol>
	<ul> <li>2. Click again on the column header of the respective column</li> <li>➤ The downward arrow (not shown) appears</li> <li>➤ The records are sorted in descending alphabetical order</li> </ul>
	<ul> <li>3. Click again on the column header of the respective column or on the Reset Layout button 6</li> <li>&gt; The sorting is removed.</li> </ul>
<b>4</b> Display of Set Filter	If the filter symbol appears at the column header, a <u>data filter</u> is set in this column.
5 Data Area	Double-click on the name of an entity to open a data record.
6 Buttons	<ul><li>Reset filter: Here you can remove a set filter.</li><li>Reset layout: This restores the default layout.</li></ul>
<b>7</b> Scrollbar	Appears below and to the right of the overview if the window size is not sufficient to display the entire contents of the overview.

### 3.2.1 Search

In the **Entities** overview, you have the option of searching for specific data records. The following search functions are available for this purpose:

- Simple search
- Advanced search



#### 3.2.1.1 Simple search

The Simple search function is displayed when you call up the Entities overview.

Übersicht					
Einfach Erweitert					
Limit	30	1			
entity	2	3	4		-5
Name	Nicht gesetzt 🗸	Entitätstyp	~	Auswählen	~
<b>×6</b> Aktualisiere	n 7 Zurücksetzen 8				

Beispiel: Übersicht AVA > Entitäten > Einfache Suchfunktion

#### How to search for data records in the simple search:

- Specify a limit for the number of records to be displayed (default value 30) 1.
   Note: A high limit may delay performance.
- 2. In the entity area, select in the drop-down menu 2 next to the **Name** field which <u>search option</u> the search field should fulfill.
- 3. Enter the desired search value 3.
- 4. Optionally, you can search for specific entity types. For this, select in the drop-down menu (4) next to the Entity Type field which <u>search option</u> the search field should fulfill.

Note: The options here are **Equals** or **Does Not Equal**. Then select the corresponding search value (entity type) from the adjacent drop-down menu. 5

- 5. The button offers you many more search fields to choose from <sup>№</sup> 6. Use the scrollbar (not shown) to navigate to the desired search field. gelangen Sie zu dem gewünschten Suchfeld.
- 6. You can select these as search criteria as described in points 2 3.
- 7. Click the **Update** button. **7**.
  - > The records corresponding to the search criteria appear in the overview.

#### Example - Search for IMO Number 9015278:

- 1. Navigate via the button 6, using the scrollbar (not shown) in the **Ship Information** area to the **IMO Number field**.
- 2. Select the search option **Equals** from the drop-down menu.
- 3. Enter the number 9015278 as the search value.
- 4. Click the Update button 4.
  - > The record *Lucky Star* (name of the ship) will be displayed.



#### The following search options are available:

Not Set, Empty, Not Empty, Contains, Does Not Contain, Equals, Does Not Equal, Begins With, Does Not Begin With, Ends With, and Does Not End With.

Note: The search options vary depending on the data type.

#### How to remove search criteria:

In the search area, click on the **Reset button** 8 and reload the display using the Refresh button.





#### 3.2.1.2 Advanced search

You access the Advanced search function by clicking on Advanced in the Entities overview.



#### How to search for records in the advanced search:

- Specify a limit for the number of records to be displayed (default value 30)
   Note: A high limit may delay performance.
- 2. In the Field area, select the field you want to search for from the drop-down list 2.
- 3. Click on the + button 3 to specify more detailed search criteria.
  - Additional search fields appear. You can remove them again using the Trashcan button 4
- 4. You can define which search option the search field should fulfill using the drop-down menu (5).
- 5. Specify the search value next to the <u>search option</u> **6**.
- 6. Click on the **Refresh** button **7**.
  - > Only the data records matching the search criteria appear in the overview.

#### The following search options are available:

Not Set, Empty, Not Empty, Contains, Does Not Contain, Equals, Does Not Equal, Begins With, Does Not Begin With, Ends With, and Does Not End With.

Note: The search options vary depending on the data type.

#### How to remove search criteria:

In the search area, click on the **Reset button** 8 and reload the display using the Refresh button.





### 3.2.2 Filter data records

#### How to filter data records:

- Position the cursor in the column header of the column for which you want to filter.
   The button with 3 bars appears.
- 2. Click on the button with the 3 bars.
  - > A dialogue box appears with the corresponding values.
- 3. In the Search... area, you can narrow down the available values by entering a character string.
- 4. Optionally, you can further specify the filter in the Advanced tab by selecting additional filter properties from the drop-down menu.
- Select individual values with a tick.
   Note: If you tick Select all, all corresponding values are selected.
- 6. Confirm your selection with the **Apply** button.
  - > Only the data corresponding to the filter criteria is listed in the overview.
  - > A filter symbol appears next to the corresponding column heading.
  - > The Reset filter button is activated and displayed in red.

#### You have two options for removing a filter:

#### **Option 1**

- 1. Click on the Reset filter button in the overview.
  - > A prompt appears asking whether you really want to reset the current filter.
- 2. Confirm this query with Yes.
  - > In the overview, the data is listed without filtering.
  - > The filter symbol next to the corresponding column header is hidden.
  - > The Reset filter button becomes inactive.

#### **Option 2**

- 1. Click on the filter symbol in the column header.
  - > The dialogue box with the corresponding selected filter values appears.
  - > The **Reset** button also appears in the dialogue box.
- 2. Confirm this query with Yes.
  - > In the overview, the data is listed without filtering.
  - > The filter symbol next to the corresponding column header is hidden.
  - > The Reset filter button becomes inactive.



### 3.2.3 Columns

Columns in the AVA Overview

Name	The main name of the entry is displayed here.
Address	The main address of the entry is displayed here.
Jurisdiction	The jurisdiction of an entity is displayed here.
Entity Type	This shows what type of entity (e.g., company) the entry is.
All Names	All known (alternative) names of the entity are displayed here.
Source	The data source of the entry is displayed here.
Label	Awards (e.g., Sanctioned or Politician) of the entry appear here.

### 3.2.4 Arrange Columns

You have the option to change the column width and arrangement.

- To change the column width, click on the column edge in the column header and move the double arrow in the desired direction.
- To change the order of the columns, select a column header and move it with the four-way arrow (drag + drop) to the desired position.