

i2

i2 TextChart

Enable new insights by exploiting unstructured data to enhance and expedite your analysis.

Highlights

- Effective entity-link extraction from unstructured documents such as reports, emails, and web pages
- Improve analysts' time to value by deriving new insights
- Easily manage and exploit the mass of unstructured data
- Import documents in 200+ languages
- Consistently and repeatably analyse documents to extract real world objects, their relationships, and underlying sentiment

Data analysts and investigators are skilled at processing structured data from sources such as databases and spreadsheets. However, exacting information from unstructured data is a much more challenging and time consuming process. Important details can easily be overlooked and key connections are difficult to track across multiple documents.

An estimated 80% of all enterprise data is unstructured – and growing by more than 50% a year ^[1]. Data analysts without the right tools to process these vast resources are less able to exploit intelligence from this potentially valuable pool of data.

Unstructured data is no longer a barrier.

Drive better decisions

i2 TextChart is a game changer for data analysts.

It identifies the who, what, when, where and the sentiment in unstructured content in almost any language, and quickly transforms it into structured analysis-ready data.

More than 30 key entities are automatically exacted, including people, identification numbers, dates, organisations, crimes, and locations.

Unlocking access to such a significant amount of data will uncover a greater number of insights, improve the robustness of the analysis, and drive better decisions.

Consolidating unstructured data

In just one click, i2 TextChart will process a collection of documents. Users can then select an extracted entity to view more details, including all its occurrences and links to it within source documents.



Multi-language, multi-document

You can import numerous document types, including plain text, rich text, HTML, PDF, Microsoft Word, Microsoft Excel, and OpenOffice. And of course, the extracted data will be free of human errors associated with re-typing or transcribing information.

i2 TextChart can process these documents in over 200 different languages without the need to know the expected language in advance. It's all done automatically.

The same entities found across multiple languages will all be linked. Support is also provided for a rough translation into English (GIST) to allow you to continue to work on the case if you are unfamiliar with the language of the source document.

Stay in control

The combination of automated text analysis and manual input allows you to efficiently analyse a collection of unstructured documents in a single integrated application.

Entities of interest can be sent to a chart with the option to bring back additional information by selecting entities from the processed documents. A 'Filter' option lets you quickly find a specific entity or link in a collection.

Throughout, you remain in control and can apply your expert knowledge to build a case. You can, for example, fine-tune entities and links by tagging, and are provided with multiple options to filter results to enable a fine-tuned document review.

80%

of all enterprise
data is unstructured

By delivering powerful text extraction and visualisation capabilities, i2 TextChart supports organisations in their pursuit to efficiently tap into available valuable new data sources.

Contact us at hello@i2group.com for more information.



Availability

i2 TextChart is available as a plugin for the following products:

- i2 Analyst's Notebook
- i2 Analyst's Notebook Premium

[1] <https://www.datamation.com/big-data/structured-vs-unstructured-data/>



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i2 Group is a world-leader in intelligence analysis software. We empower intelligence analysts and investigators to discover, create, and disseminate actionable intelligence to identify the perpetrators of criminal activity.

Founded in Cambridge, UK in 1990, we have more than 30 years' experience in helping our users to solve complex problems. Our products have been proven in countless real-world operations and are relied upon by 4,500+ users in more than 140 countries.

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