Transformational Results

SciBite

Whether enriching existing or deploying entirely new solutions, our cutting-edge 'microservices' approach builds rich, structured data that supports a vast range of use cases in machine learning/AI, drug repurposing, pharmacovigilance, competitor intelligence and beyond

KNOWLEDGE MANAGEMENT AND SEARCH

LIVE SEMANTIC NEWS FEEDS

SEARCH
Elastic-based semantic search of scientific content

DOCstore

SCIENTIFIC ANALYTICS

DISEASE BIOLOGY INSIGHTS

EXTERNAL LANDSCAPE ANALYSIS
Identify key claims, trends and connections across literature, patent and competitor intelligence data

BIOMARKER DISCOVERY
Associations between entities and disease uncovered through multiple associated mining algorithms

PHARMACOVIGILANCE MINING

SCIBITE INSIDE

LINKURIOUS — VISUALIZE GRAPH DATA EASILY

DS BIOVIA

CAMBRIDGE SEMANTICS

Copyright Clearance Center

PerkinElmer

SINEQUA

KNOWLEDGE NETWORKS

CONTEXTUALISATION OF DATA
Provide more scientific insight to your data by adding a semantic enrichment layer

ENHANCING INTERNAL APPLICATIONS

SEMANTIC AUTOCOMPLETE

Histamine receptor
Histamine receptor (histamine receptor , PROTYP , PROTYP049...
Histamine receptor activity (histamine receptor activity , GOON...
Histamine receptor H1 (histamine receptor H1 , GENE , HRH1...
Histamine receptor H3 (histamine receptor H3 , GENE , HRH3...
Histamine receptor H2 (histamine receptor H2 , GENE , HRH...
Histamine receptor (Plain text query: "histamine receptor)...

DATA INTEGRATION
Linking multiple data sets, ontology curation and mapping

Semantics as a Service

A dynamic, user and machine-friendly API that allows any analysis or IT system to understand scientific language

FLEXIBLE ACCESS
Choose between command line, user interface or integrated into 3rd party tools

VOCABULARIES
Hand curated vocabularies built for the purpose of text analytics

Many synonyms recognised

CREATE YOUR OWN
Customise, augment and build your own corporate taxonomies for entity extraction

PLUGGABLE TECHNOLOGY
Connect more data and gain more insight with each module

IMPLEMENTING STANDARDS
Interoperable with these and many more public standards

MedDRA · CHEMBL · SNOMED CT · FDA · GENEONTOLOGY

SEMANTIC ENTITY RECOGNITION
Ultimately, identify the key elements within text and the important relationships between them

A NATURAL PARTNER
Add a semantic layer in your system architecture by simply dropping in the SciBite API

TRANSFORM IN REAL TIME
High performance that transforms text as you type, which opens up a huge range of applications never previously possible

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The Source

" Many data silos cannot be connected "

" Up to 90% of scientific and corporate knowledge is found as 'unstructured' text "

PATENTS
Disease and target indexing, relevancy analysis

PUBLICATIONS
Pubmed, full text, pre-published files

ENTERPRISE CONTENT
Sharepoint, Documentum and more

SOCIAL
Internal and external commentary

ELNs
Internal source of innovative research

SEMI-STRUCTURED CONTENT
CT.gov, FAERs, other xml sources

CORPORATE STANDARDS
Taxonomy, ontology and metadata standards – managing proliferation

INTERNAL DATABASES
Columns of data often 'write once, read never'

CLINICAL DATA
Intersection of genomics and medicine

COMPETITOR INTELLIGENCE FEEDS
News, preclinical and development

3RD PARTY SOURCES
Very important information stores

" IT systems don't understand science "

" Many silos cannot even be searched properly "