POOLPARTY SEMANTIC SUITE

Linking Data to Knowledge

PoolParty Semantic Suite is an AI platform based on semantic technologies and machine learning. It helps organizations build and manage Enterprise Knowledge Graphs as a basis for various AI applications. As the most complete semantic middleware on the global market, PoolParty Semantic Suite extracts value from your data and links your business objects and content assets automatically. Make your data actionable and benefit from smart applications!

Enterprise Knowledge Graph Management

PoolParty Semantic Suite helps you create and edit enterprise knowledge graphs along the entire Linked Data Lifecycle. A knowledge graph is a rich representation of a knowledge domain that is capable of deriving more understanding out of your data. As a result, you will maximize the value and usage of your data even if it is stored in various data systems.

Text Mining and NLP

PoolParty Semantic Suite uses advanced text mining algorithms and Natural Language Processing (NLP) to automatically extract relevant entities, terms and other metadata from text and documents. An Enterprise Knowledge Graph provides additional value to traditional text mining technologies by adding facts about the extracted entities, helping to drive in-depth text analytics.

Linked Data Orchestration

PoolParty Semantic Suite is used to break down data silos by linking data from various departments and organizations. PoolParty Semantic Suite helps enterprises to tackle challenges with data management and data integration in an orchestrated manner along the whole Linked Data Lifecycle.

Semantic AI Applications

Experience shows that AI initiatives often fail due to the lack of appropriate data. Using Semantic AI allows for the combination of thoroughly selected methods to solve common use cases such as classification and recommendation with high precision. An enterprise knowledge graph is the backbone of a semantic enhanced AI architecture, providing the means for high data quality and thus better Semantic AI applications.
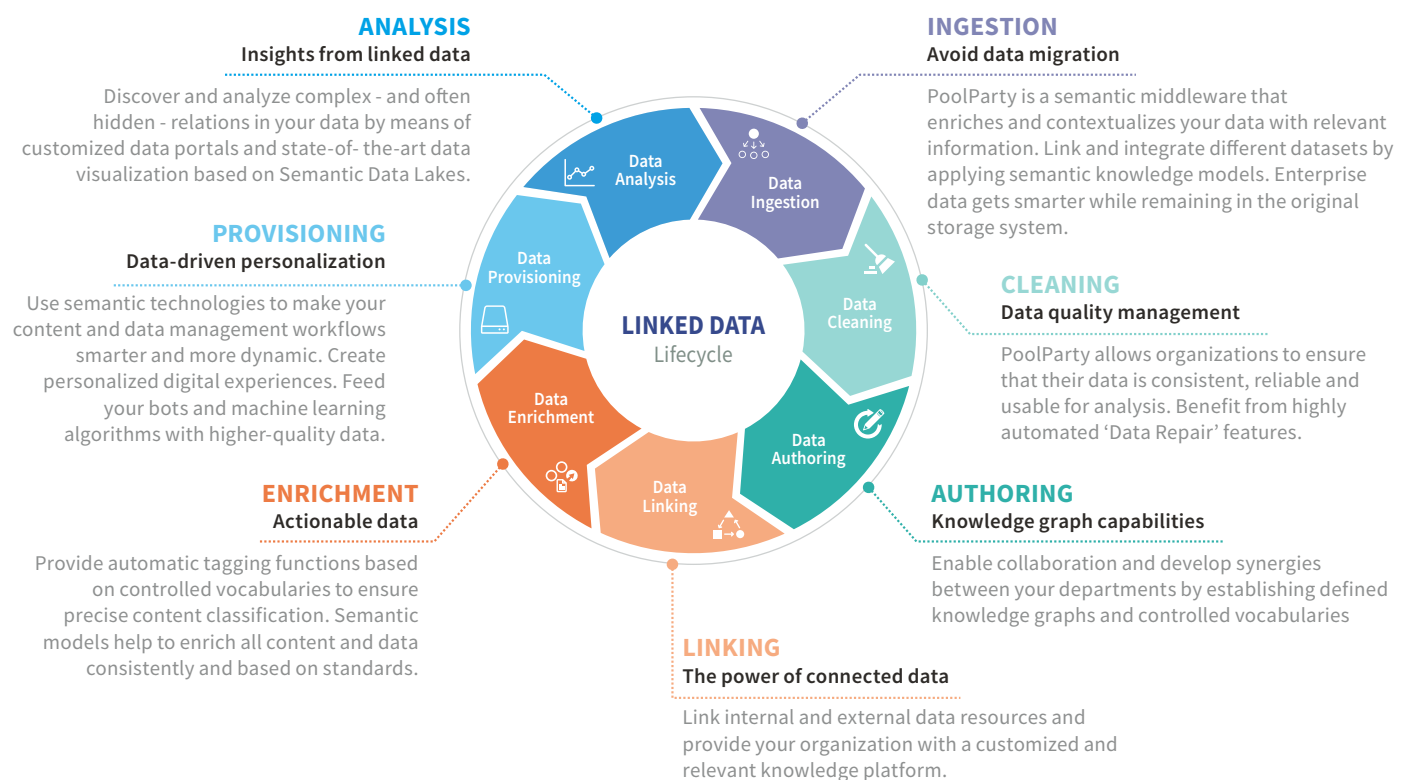

Choose your PoolParty modules and build the backbone of your Enterprise Semantic AI infrastructure. PoolParty grows with the demands of your Digital Business Platform.

Manage your Data Lifecycle with Knowledge Graphs

Data is the fuel of the digital economy and the underlying asset of every AI application. Poolparty Semantic Suite helps you to connect your data and linked entities based on Enterprise Knowledge Graphs. As a result, users benefit from meaningful and actionable data from the very beginning and throughout the entire linked data lifecycle.

ANALYSIS
Insights from linked data

Discover and analyze complex - and often hidden - relations in your data by means of customized data portals and state-of- the-art data visualization based on Semantic Data Lakes.

PROVISIONING
Data-driven personalization

Use semantic technologies to make your content and data management workflows smarter and more dynamic. Create personalized digital experiences. Feed your bots and machine learning algorithms with higher-quality data.

ENRICHMENT
Actionable data

Provide automatic tagging functions based on controlled vocabularies to ensure precise content classification. Semantic models help to enrich all content and data consistently and based on standards.

INGESTION
Avoid data migration

PoolParty is a semantic middleware that enriches and contextualizes your data with relevant information. Link and integrate different datasets by applying semantic knowledge models. Enterprise data gets smarter while remaining in the original storage system.

CLEANING
Data quality management

PoolParty allows organizations to ensure that their data is consistent, reliable and usable for analysis. Benefit from highly automated 'Data Repair' features.

AUTHORING
Knowledge graph capabilities

Enable collaboration and develop synergies between your departments by establishing defined knowledge graphs and controlled vocabularies

LINKING
The power of connected data

Link internal and external data resources and provide your organization with a customized and relevant knowledge platform.

LINKED DATA
Lifecycle

Data Analysis · Data Ingestion · Data Cleaning · Data Authoring · Data Linking · Data Enrichment · Data Provisioning

PoolParty Listed as a "Sample Vendor" in Gartner's Hype Cycle for Artificial Intelligence 2019

YOUR TRIAL ACCOUNT
Experience PoolParty live and get your 30-days trial.

POOLPARTY ACADEMY
Become a certified Semantic Web Expert.

SEMANTIC WEB STARTER KIT
Think Big, Start Small, Learn Fast! See how you benefit from linked data.