



NLP

Intelligent, advanced solution to retrieve accurate and optimized data for research and analysis

Key Highlights

■ Early Information & Reduced Latency

Fast, accurate and optimized data; Retrieval in quick time

■ Flexibility/ Scalability

Customizable algorithms and functions; Scalable model

■ Lower Costs

Better operational efficiency, lower operational costs

■ Reduced Model Risks

NLP techniques provides excellent insights enabling businesses to make informed decisions

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Challenge

Delayed information. Latency.
Unstructured Data.



Solution

SpaCy Framework-NLP. Structured
& Unified Data. Own Data Store



Impact

Flexibility. Scalability. Reduced Latency & Costs.

Challenge

A leading Asset Management firm encountered significant delays in retrieving large volumes of trade/securities information available from public sources. The data was unstructured and lacking accuracy, making it unusable. Our solution would need to provide powerful and advanced techniques to extract usable data for research and analysis with a focus on swiftness

NuSolution

NuWare's NLP experts proposed the following solution:

- Implement SpaCy's framework/statistically modeled NLP algorithm to extract, tokenize, tag, detect entities and parse data from unstructured information making it available in a structured format, real-time
- Use intuitive technologies in the NLP environment such as Python, using spaCy & NLTK frameworks that allows scalability and flexibility to customize algorithms based on current business scenarios
- Create and manage own data store for trade and securities information

Impact

Use of NLP techniques created a positive business impact by reducing overall latency, optimizing business operations, and lowering costs significantly. NLP techniques hold promise by helping the business contain model risks thereby enabling business users to make important decisions accurately and quickly