

Company Datasheet



Serving the intersection of cloud, big-data, and natural language processing.

INTRODUCTION

Mountain Fog provides consulting services and products around the intersections of cloud computing, big-data, and natural language processing (NLP). The state-of-the-art in each of these areas are rapidly changing and it can be challenging to know what technologies best serve your needs. Our unique experience and skills positions us well to serve at the forefront of these important and emerging technologies.

LARGE-SCALE ENTITY ANALYSIS PLATFORM

The Large-scale Entity Analysis Platform™, or LEAP, is our comprehensive platform for deriving insights from large amounts of text. LEAP is capable of ingesting and analyzing natural language text through the use of custom NLP pipelines through the use of statistical methods, neural networks, and data visualizations.

LEAP's architecture was designed after many conversations with users facing a similar problem of how to effectively analyze large amounts of text. A common set of requirements were identified that allowed us to build LEAP for a wide variety of use-cases. LEAP was designed to run in the cloud but can support hybrid deployments.

NLP FLOW

NLP Flow is an application that facilitates NLP pipelines. With NLP Flow you can create pipelines to process unstructured natural language text. These pipelines can facilitate the ingestion and processing of text. For instance, text can be ingested from a file system, processed through entity extraction, and the resulting entities can be persisted to a database for analysis.

NLP BUILDING BLOCKS

The NLP Building Blocks™ are a set of light-weight applications we created to make natural language processing modular and more flexible. The applications are built upon proven open source software and allow for building complex NLP pipelines in a highly-available and scalable manner. The NLP Building Blocks implement many common NLP tasks such as language detection, document classification, and named-entity extraction.

The NLP Building Blocks are open source and available through platforms such as DockerHub, Amazon Web Services Marketplace, and Azure Marketplace. The NLP Building Blocks help power the NLP capabilities of LEAP.



OUR TECHNOLOGY STACK

Our technology experience changes almost daily as we constantly learn new approaches and how to apply them toward our clients' success. Technologies that we have used extensively include Amazon Web Services, Apache OpenNLP, Apache NiFi, Apache Kafka, Apache Flink, the Hadoop ecosystem, and programming languages such as Java and .NET. Our broad experience allows us to integrate our solutions into clients' architectures with minimal changes to any existing technology stack.

OUR CLIENTS

We have worked with clients across various industries such as government, healthcare, and real estate. We understand the hidden complexities of industry regulations like HIPAA. No client or challenge is too big or too small.

We created a custom pipeline to process and automatically classify documents for a government client. The pipeline ingested technical documents, processed the text, and provided feedback to the client based on the classification of each document. The pipeline was integrated into the client's infrastructure.

OUR PHILOSOPHY

Our mission is to help organizations of all sizes derive useful insights from their existing knowledge. We are committed to the open source community and strive to give back to the projects and communities from which we benefit.

GET IN TOUCH

We are always happy to discuss your needs and how we can help.

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