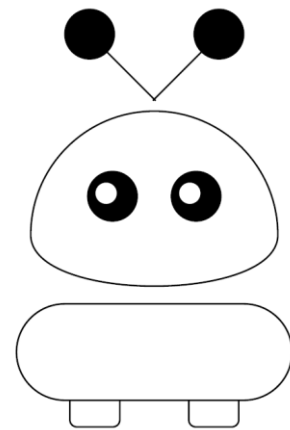


Contract Research

There's nothing 'artificial' about it!

It's all about numbers.



We specialize in:

Statistical Natural Language Processing

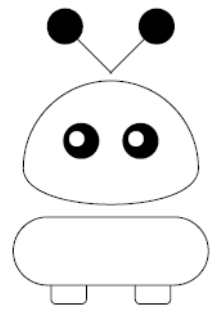
We can help you build better core text analysis tools, like Part-of-Speech Taggers, Spell Checkers and Search Tools.

Statistical Methods for Text Analysis

Where there's data, there's intelligence. We can help you Store, Organize, Manage, Parse and Search your documents.

Intelligent User Interfaces

We can help you build simpler Interfaces using AJAX and Flash, with Suggestion and Error Correction capabilities.



Text Processing Components

We develop the following:

Part-of-Speech Taggers

POS taggers based on HMMs, MEMMs, CDNs and Bidirectional MEMMs

Spell Checkers/Correctors

Useful to correct user input and improve OCR output

SMS Normalization

Converting SMS or noisy shorthand to natural language

Classifiers

Language and topic identification, and various other tasks

Sentiment Analysis

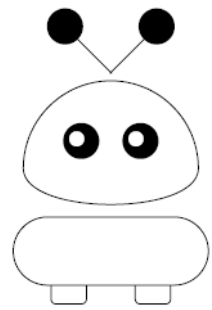
Understanding user feedback on products and features

Search

Search result ranking and semantic search

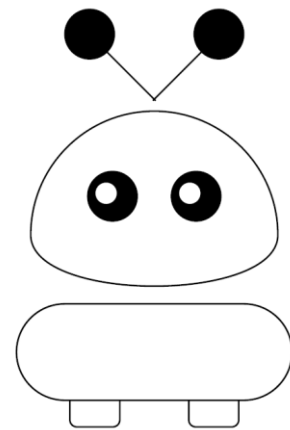
Recommendations

We partner with recommendation engine researchers



Data Collection

We stay up-to-date on research topics and can help you collect and annotate corpora for training ML algorithms

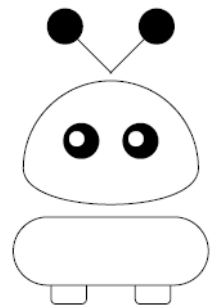


How we can help

Explicitly annotated corpora can be useful for tasks like transliteration, entity recognition and relationship extraction.

We can help with corpus development by leveraging tools available on the Aiaioo.com website.

We are also developing a large network of collaborators – linguists, language experts, translation services firms – that we can leverage to bring any effort to completion in a timely manner.

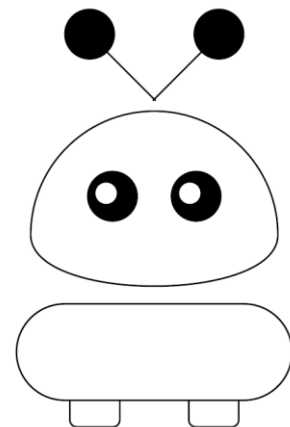


Personnel

We are Freelance

Researchers and Consultants

We come from varying academic backgrounds including:



Research

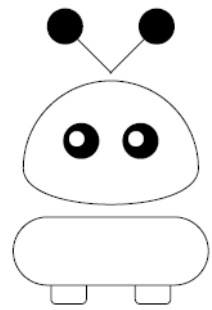
Some of us have studied in UC Berkeley and the Indian Institute of Science in ML and NLP.

Industry

We have a wide range of industry provenances, including IBM, Thoughtworks and Microsoft.

Startups

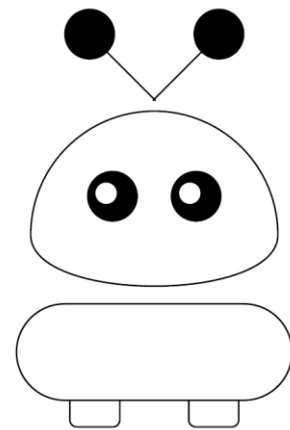
We're a startup private research lab, and we have worked with startups and with large firms.



Teaching

Learn about Machine Learning problems
like Regression, Classification &
Clustering.

Learn about Statistical Natural Language
Processing, and build better textual
User-Interfaces.



We offer courses in:

Statistical Natural Language Processing

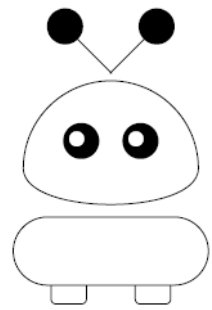
Topics covered would include Tagging, Language Models,
Text Categorization and Automatic Machine Translation

Regression, Classification and Clustering

This would cover the use of the Weka toolkit and examine
various algorithms for classification and clustering

Statistical Machine Learning Theory

Training in Statistical ML algorithms and concepts



Project Portfolio

Development

We developed an OCR component for ReadInk.com and tools for Taazza.com

NLP Consulting

Ongoing NLP consulting engagement with WisdomTap.com

Corporate Training

Training in Statistical NLP Algorithms and Statistics to the NLP R&D team of a large manufacturer of Mobile Phones

Academic Training

We teach undergraduate courses to engineering students to help them get started doing research in Statistical NLP & ML

Advisory Services

Advisory services to firms on their document/knowledge management strategies

