

# Website Concept

in general, just see the online version

<http://spinningbytes.com>

for the complete contents

CLAIM: We develop software that turns your data into valuable insights.

IMAGE-flowchart:  
your data -> our technology -> your insights



ZHAW Spinoff  
Logo

EHT Spinoff Logo

Action Item:  
Contact us to discuss your project or idea:  
[info@spinningbytes.com](mailto:info@spinningbytes.com) or phoneNUMBER.

CLAIM: We use state-of-the-art machine learning algorithms to analyze your data.



IMAGE: our 4 “data domains” as pillars in all data

## Data Domains

### Text

We “understand” structured text (such as

Sample Tasks:

- Sentiment Analysis -> distinguish positive and negative content
- Main Text Extraction -> identify most important content in websites
- Named Entity Extraction (NER) -> Identify companies, organizations, persons in unstructured texts

### Audio

...

Sample Tasks:

- Speech Recognition: Translate spoken words into text
- Speaker Recognition: who is talking when
- Background Noise Removal: eliminate unintended signals

### Images

...

Sample Tasks:

- Face Recognition: identify a person in a picture
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### Numeric and Structured Data

This is everything that comes in numbers and fits into tables:

Sample Tasks:

- Trend prediction: is a time-series going up or down
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### Contact:

SpinningBytes AG  
Alte Landstrasse 137, 8700 Küsnacht, Switzerland  
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Email: [info@spinningbytes.com](mailto:info@spinningbytes.com)

## Technology, continued

### Tasks

- Classification: divide a data set into two or more distinct classes.
- Forecasting: use historic data to predict the future.
- Searching: find a most appropriate match in a set of data
- Pattern Recognition:
- Data Mining:

### Tools and Technologies

Some of the terms that we use frequently in our daily work are: deep learning, support vector machine, n-grams, decision trees, supervised and unsupervised learning, k-means clustering, distributed computing, Hadoop, linear regression, random forests, reinforcement learning, map-reduce, and many many more.

**CLAIM:** We deliver software that is ready-to-use.

HIER SCHREIBEN, was wir bieten:

1. für "standard-probleme" fertige Software ausliefern, straightforward, pricing based on success
2. consulting und custom development, pricing on request

we offer full service for your innovative data analysis project:

- This starts in the conception phase, where we can support you with our broad experience in data analysis, data science, and data products.
- Specification of a data processing pipeline for your project
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- Integration of our technology into your processes (by us, your IT-Team, or our competent partners)

## Typical Project

These are the major steps of a typical project with us:

1. You have a business problem that you want to solve with knowledge from data
2. We decide if your problem can be solved with our technologies.
3. You assemble a data set with training data for our software (sample input plus expected results)
4. We use your data to train a model that solves your problem
5. We deliver a ready-to-use software library that can be integrated into your IT environment

**What you can get from us:**

- state-of-the technology that solves your problem
- ready-to-use software library with simple programming interface
- source code of the library for review
- software licence that allows you to use, modify and extend our code

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## Services, continued

### Partners

We are not expert on everything! But, we have a broad network of professional partners that support us when we need it:

- Researchers and Scientist from over 20 Universities
- IT companies in Switzerland and Germany

### Preferred IT Partners

- hier einige Partner auflisten