

Percognate Resonance

Percognate's Resonance is a high-performance predictive coding solution that speeds through eDiscovery workloads. Our classification system reduces cost and turn around-time on any size document collection.

Advantages

- Flexibility to meet your customer's specific needs
- Reduce review costs by 80% vs conventional workflows
- Highest quality results with the least amount of effort
- Maximum defensibility of the predictive coding process

Using flexible workflow techniques combined with state-of-the-art predictive coding algorithms, Percognate Resonance dramatically reduces the time from collected documents to review results.

Skip Walter
Founding CEO, Attenex, Inc.

PERCOGNATE

16052 48th Ave S,
Tukwila, WA 98188

206-276-5374
info@percognate.com
www.percognate.com

Platform & Technical Overview

Percognate Resonance was designed from the ground up to be robust, scalable, and flexible.

Our lightning fast classification engine trains models in minutes, not days, with “uncannily good” results. We don't sacrifice accuracy for speed.

Our software scales as your needs do. Whether a single beefy server or a 20-node cluster, we can handle your data volumes.

We don't dictate or prescribe workflow; our flexible architecture enables you to code documents using the workflows you know and trust.

Technology stack:

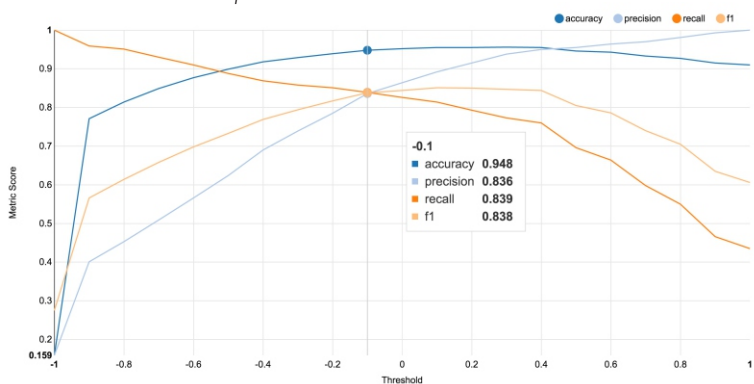
- Java and C++
- Integrate using our REST API
- Based on Apache Hadoop
- Uses HDFS for storage
- Deploys locally on Linux
- Cloud ready: AWS or Azure
- Distributed document processing and model training
- Web-based Admin Tool
- Integrates with Windows/SQL environments

Results you can see. Results you can trust.

Validation is built in to our processes. We test all new models using a k-folds cross-validation process. Results are reported using industry standard metrics, such as precision, recall and the F1 metric. No one model is best for all situations; we give you the tools and the flexibility to create and validate the model that's right for your case.

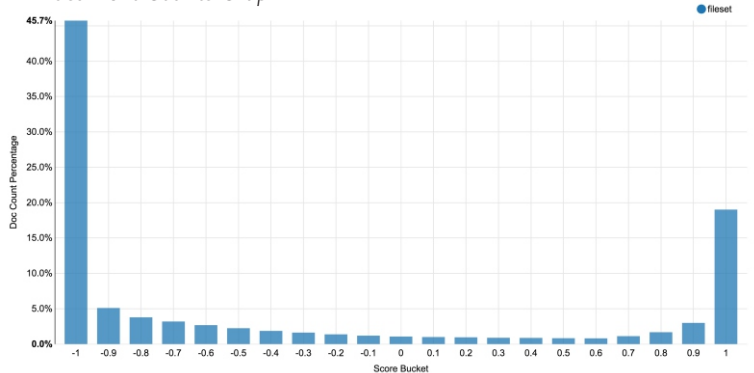
We also integrate with most popular databases, like MySQL, Microsoft, SQL Server, Postgres, Oracle, and more. We make it easy to import data into our system and export document codes back out. Your workflow is our workflow.

Metrics Results Graph



We automatically calculate accuracy metrics every time we train on documents. This graphs like these give you a sense of how good the model is—in this case pretty darn good!

Document Counts Graph



We classify documents using a scale from -1 to 1 (e.g. Non-responsive to Responsive). Our classification summary includes reports on how each document is scored, as shown by this histogram here.