



Training Data for Banking AI Initiatives

Machine learning holds enormous promise for banking:

Computer Vision is improving the customer experience and making back office operations more efficient. CV enables facial recognition that identifies good and bad guys, video analysis that spots branch inefficiencies, and document processing with no human involvement.

Natural Language Processing is opening the door to chatbots and other AI-based agents, in pursuit of a more timely, personalized customer experience.

And **Entity Resolution** is turning disconnected data into clean, canonical records of entities, objects, and interrelationships.

Unfortunately, most AI initiatives like these never get deployed, most often because the ML algorithms at their core are improperly trained.

It takes huge volumes of data to train algorithms like these. And achieving acceptable levels of model confidence requires meticulous data labeling

and annotation, which ultimately involves human judgement.

Many organizations assume they can produce ML training data in-house. Then, they discover

They don't have the necessary tools. Software tools for managing huge numbers of images, video frames, text fragments. Tools for defining data annotation tasks, and for assigning those tasks to people. Tools for evaluating the humans' decisions and determining the need for further review or adjudication.

They don't have the people. Humans and human judgement play an essential role in the structuring of ML training data. And large data volumes call for *lots* of humans, some or all of whom may need particular skills or qualifications.

They don't have the project skills. Skills needed to root out model-wrecking bias in the data. Skills required to design tasks that promote efficiency, scalability and quality. Skills needed to oversee iterative and fluid processes.

We Have the Platform, People and Skills

If you don't have the software tools, people and skills to prepare training data in-house, we should talk.

We build ML training datasets for Banking AI.

We have our own **Training Data Platform** and a global pool of nearly a million **data specialists**. And our **project leads** offload the entire process, leaving you with only your algorithm to worry about.

Our **platform** qualifies and groups specialists and distributes work to them. At any moment, there are thousands of specialists working on the platform.

It also trains specialists on tasks, evaluates their progress and monitors them as they work.

The **AI in our platform** makes specialists faster and more accurate. In video annotation tasks it makes one specialist the equivalent of 120.

And our **project leads** are experts at designing tasks that promote efficiency, scalability and model confidence.

If you are involved in a machine learning initiative for banking, let us demonstrate why we are an obvious alternative to DIY Training Data.

And if you're done with assigning data labeling tasks to your expensive data scientists, you can connect with us at content.alegion.com/AIBankingData.



About Alegion

Alegion brings confidence to machine learning initiatives. Our offering operates at massive scale, combining a data and task management software platform with a global pool of nearly one million trained data specialists.

We assist data science teams throughout the AI lifecycle, delivering custom training datasets, providing human-scored model testing, and making available human-in-the-loop exception handling.

With our white glove level of service - and Net Promoter Score of 94 - we completely offload these activities, freeing data professionals to focus on their areas of specialization.

We support machine learning projects broadly, with particular emphasis on Computer Vision, Natural Language Processing and Entity Resolution, for organizations in financial services, retail, defense, technology and manufacturing.

