Akridata™

Designed for Data Scientists
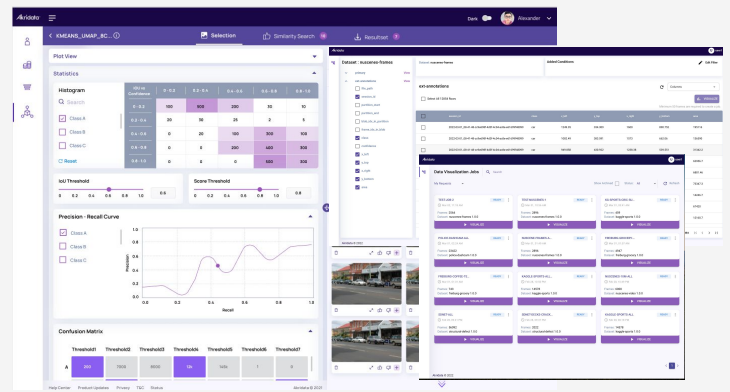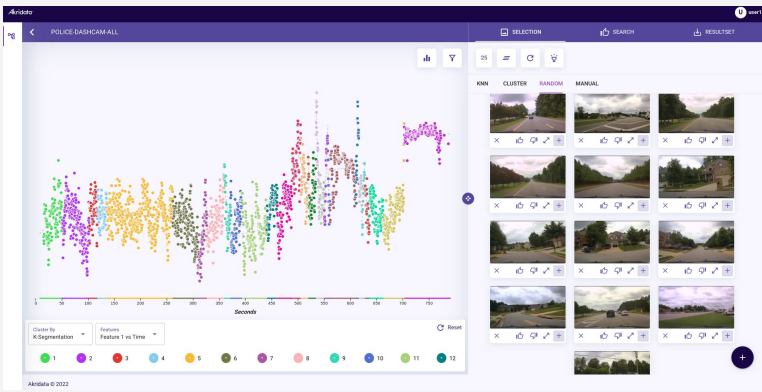### Combining Science and Intuition

Akridata Data Explorer

Interactive workbench to explore, search and analyze model

Akridata's Data Explorer is a workbench for Data Scientists working with images, videos and point clouds. Data Explorer significantly reduces the time Data Science teams spend on data preparation, curation and selection of data by helping users:

- Understand the latent structures in the data, perform visual search and analyze model performance issues
- Perform data exploration and selection tasks in a UI-driven, interactive process which will reduce hours of work down to minutes
- Interactively sample and search through large datasets to create labeling and training jobs with desired class representation and balance

Through its visually interactive and intuitive design, Data Science teams can quickly explore millions of raw images or videos, identify points of interest, perform visual search and build effective training data sets for labeling and training. Other advanced features include model analysis, bias elimination, activation maps, etc.

Key Features

Explore
Allows a data scientist to explore their visual data on unlabeled datasets by combining traditional meta-data based filtering with content feature-based latent structure exploration. Helps data scientist understand the inherent clustering or segmentation structure in the data set.

Search & Refine
Perform powerful image based similarity searches on millions of images in seconds. Ability to further refine the results through interactive scoring on subset of data to search for domain specific features by combining active search techniques.

Analyze
Intuitive mechanisms for data scientists to get an aggregate view of model performance. Shifting the focus from examining one problem image at a time to understanding the broad categories of errors. eg: find images that have common class predictions.

Compare
Ability to compare two datasets to identify novel information for further inspections, evaluate labeling quality, data drifts, etc.

Benefits

15x 🕐
Reduce **hours of work to minutes.** Cut time spent on data selection and curation.

25% 🗑️
Avoid **wastage in labelling spends.** Get more for $s you spend

5x »
Accelerate your path to model accuracy. **Reduce the iterations** and the guessing work

Visit www.akridata.ai to start a **Free Trial** today.