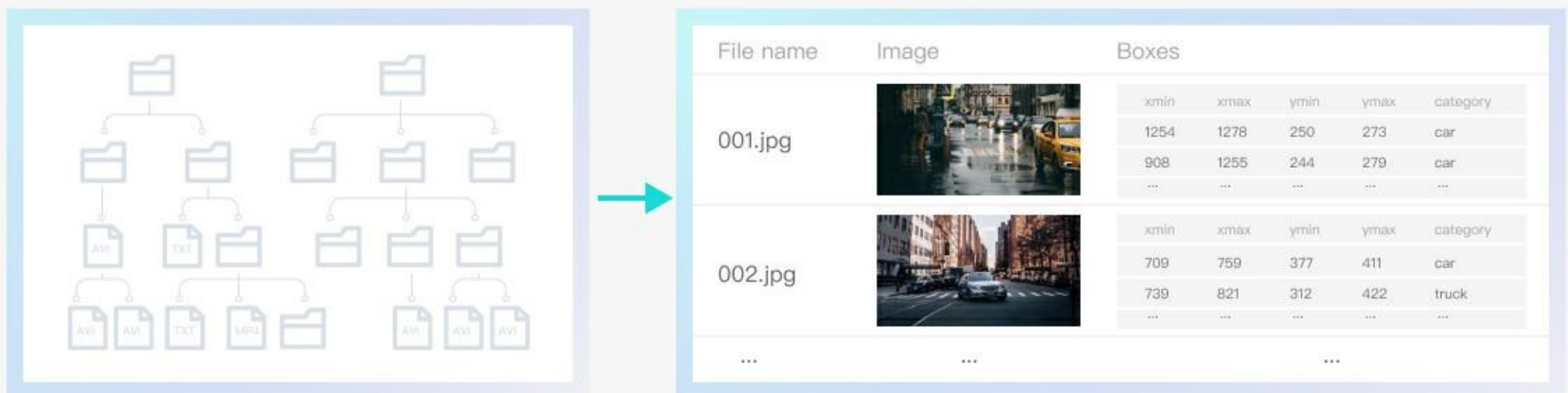


Unleash the Power of Unstructured Data

Graviti is devoted to building a cloud-native data platform, accelerating data-driven innovation and achieving scalability for your machine learning projects or business analytics.

Are you falling into the pitfalls of using a file system to manage your data?

Graviti provides a table-like data model to help easily query and process unstructured data at scale.



Reasons to choose Graviti

A single system for all types of data to reduce query complexity and infrastructure cost

- Manage all your raw data, metadata and semantic data in a table-like data model. Our powerful schema system can support multimedia file types and complex objects (JSON dictionaries), and any customized data types.
- Customizable columnar-indexing makes query super fast and also supports dynamically adding compute nodes based on the needs.
- Support placement on multiple cloud storage and provide multi-tenant isolation for data security

Data curation at a better performance and lower cost

- When splitting and merging datasets, there is no copy involved. The dataset container only maintains a reference of the underlying data, which reduces the infrastructure cost and provides data lineage by default.
- Our filter function facilitates users to identify rare scenario data and create new datasets based on the query results.

Workflow automation to process data at scale in data pipeline

- Automate data pipelines with our workflow builder and specify them using yamls. Jobs can be defined in code, scripts or docker images.
- Schedule a workflow on any event from cron jobs, new commits, new branches and more.
- Process larger data with unlimited compute with one click. Kubernetes is used for scheduling and monitoring workers.



Data version control to achieve better data lineage and team collaboration

- Git-like interface but at data scale. Datasets created from the same root dataset will share part of the same version history.
- Changes of unstructured data, metadata, semantic data and even schema will be captured by each commit with a unique ID to associate with a software version accordingly. Write data in drafts where are only visible to creators. Concurrent writes will be avoided.
- Iterate the same dataset independently on branches without interfering with other team members. Role-based access control also provides data governance for enterprises.

Interactive and intuitive visualization to understand your unstructured data

- Out-of-box visualization on unstructured data including images, point clouds, voices, texts, and multi-modal data. Certain semantics of the data can also be put on top of the raw unstructured data.
- Statistics visualization is to help understand the dataset quality and balance. Users can define how statistics are calculated.
- Visualization on data lineage is to trace the history of a dataset, especially when it is created from other dataset or datasets.

Developer friendly toolkits and integrations

- Graviti opens up its APIs to all developers and users, and also offers our python SDK in an open sourced way where any developers can extend it based on their needs.
- Integrate with various third-party applications for your data pipeline. Efficient annotation tools, quick model evaluation tools, and more are available at Graviti Marketplace.

Discover hidden value in your unstructured data

Modernize your enterprise data infrastructure and leverage all types of data to derive deep business values across the universe of corporate data.

Graviti is proved to save

100 Hours /Week

for the ML Team and expedite project development.

“

Graviti data platform has become a key part of our AI development process. It is powerful and works seamlessly with our workflows, increasing our productivity and efficiency in data preparation and model training automation.”

–By Machine Learning Tech Lead of a Logistics Company

About Graviti

Founded in 2019, Graviti is the pioneering data platform with the mission of empowering enterprises to manage and utilize unstructured data at scale. Graviti Data Platform not only removes much of the hassle faced when managing and processing large volumes of unstructured data along with their metadata/semantic data, but also radically increases the scale and complexity of the data organizations can work with. Raised in a Pre-Series-A round of \$12 million, Graviti employs domain experts including Uber, Google, Airbnb, devoted to solving one of the most daunting challenges involved with creating modern AI applications.

Contact Graviti

To learn more about Graviti data platform and enterprise solutions, contact us:

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