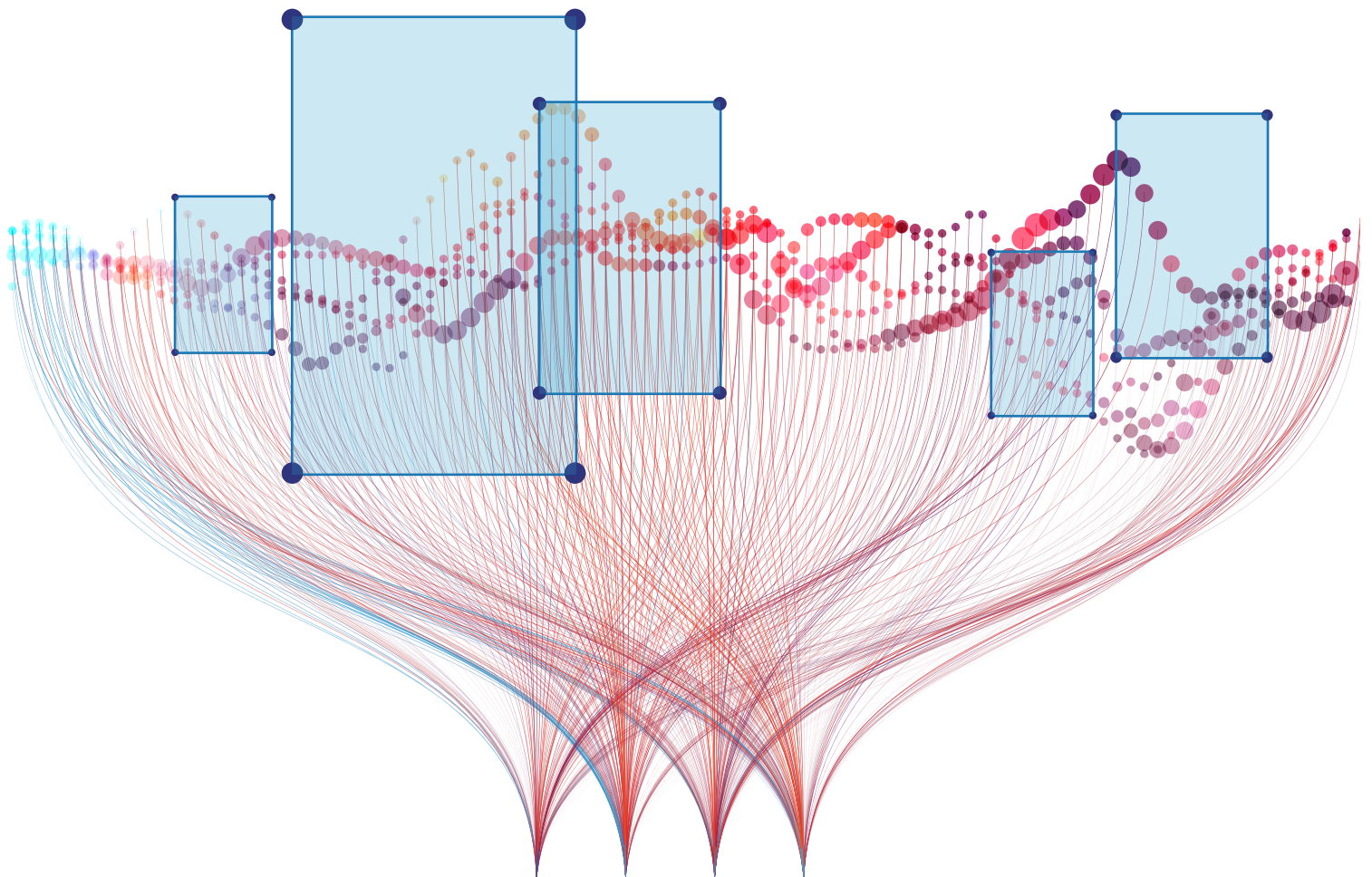


# Hello Data

General

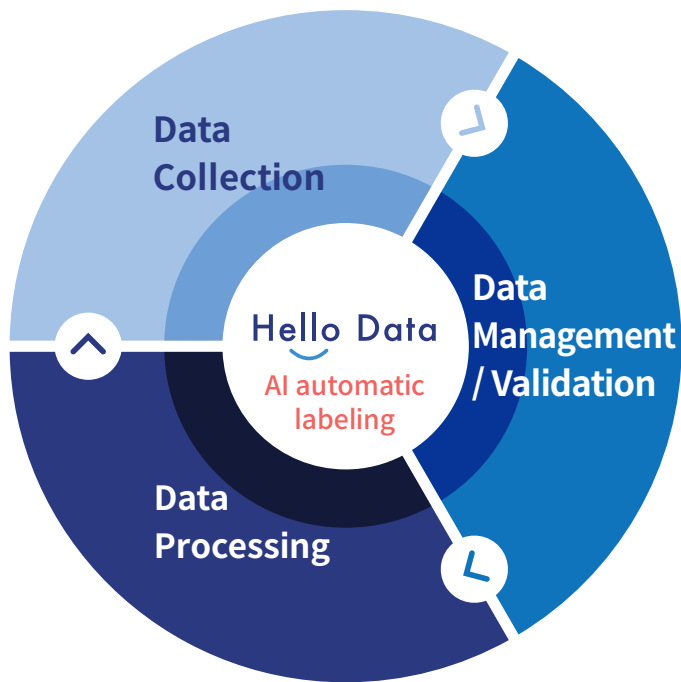
## Create AI Training Data with HelloData

Start quick, efficient AI data processing with Hello Data



# Hello Data

Hello Data is an AI total data management platform that can create machine learning data easily based on AI.



## Data Collection & Processing

Collection of unstructured data, securing high quality M/L data via processing/validation



## Customized Development Support

Professional web development resources support customized tool development at client's request



## High Data Accuracy

All the data collected and processed via Hello Data guarantees high data accuracy through systematic validation process



## Data Security

Link to global cloud services to establish a more secure security framework against data leakage/loss

Constant AI Algorithm Update  
Accurate and efficient AI M/L data Creation



## Hello Data



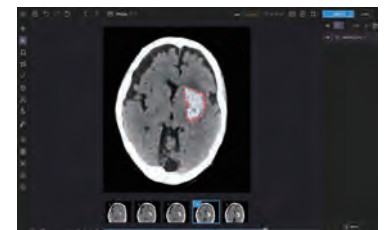
Providing data processing/sorting solutions for AI model advancement of various industries such as retail, manufacturing, agriculture, finance, etc

## Hello Data AUTO



Work environment and technical support specialized for AI autonomous driving data creation

## Hello Data MEDI



Providing medical AI diagnosis model development solution via data analysis/processing

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# Special Features of Hello Data



## 01 AI Annotation

Automated annotation upon dataset upload supports fast and efficient task performance and ensures high accuracy and quality of data



## 02 Supporting Various Industrial Data

Processing various data types, such as image, video, audio, text, 3D objects, and LiDAR, to be applied in various industries ranging from medicine, self-driving, manufacturing, retail, etc



## 03 Systematic Project Management

- The project manager can monitor worker/auditor status and project progress in real-time
- Statistics on project progress provide worker throughput and schedules to project deadline



## 04 Optimal Template for Each Data Type

- The optimal customized template is provided according to data types and purposes
- When creating projects, the project manager can choose necessary processing task types for efficient work page creation



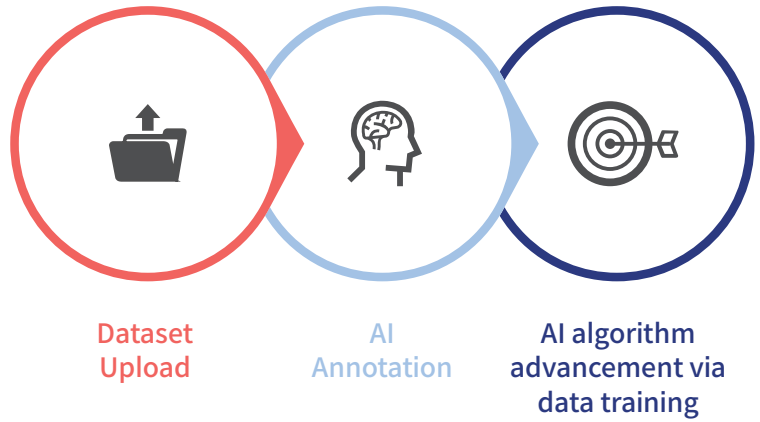
## 05 Strict Security Maintenance

The project manager can monitor worker/auditor status and project progress in real-time  
Statistics on project progress provide worker throughput and schedules to project deadline

# AI Annotation

Auto M/L technology of Hello Data enables immediate object detection and automated annotation as soon as dataset is uploaded

**Ground-breaking savings in work-time and costs compared to manual annotation**



	Items	Category
1	Bed, chair, table, mattress, clock	Furniture
2	Bear, bird, cat, cow, dog, elephant, giraffe, horse, sheep, zebra	Animal
3	Backpack, glasses, handbag, hat, shoes, suitcase, umbrella, doll, book	Thing
4	Plate, fork, cup, knife, spoon, wine glass, scissors, sink	Kitchen
5	Baseball bat, baseball mitt, Frisbee, skateboard, ski, snowboard, ball, surfing board, tennis racket	Sport
6	Hairbrush	Beauty
7	TV, mobile phone, laptop, piano, oven, microwave oven, refrigerator, toaster oven	Electronic
8	Apple, banana, broccoli, cake, carrot, donut, hotdog, pizza, sandwich	Food
9	Bench, fire hydrant, parking meter, vehicle traffic light, pedestrian traffic light, signboard, bin	Outdoor
10	Bicycle, bus, motorcycle, car, truck, train, airplane, boat	Transportation
11	Human	Human

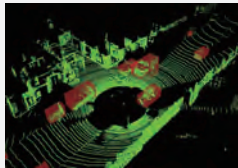
AI Annotation with **more than 90% accuracy** on **90 different objects** of 11 categories

# Supporting Various Industrial Data

- Various types of data such as image, video, audio, text, 3D objects and LiDAR, etc
- Processing AI training data task supports that can be applied to all types of industry



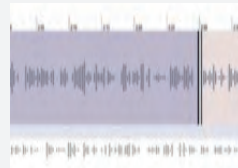
Image



3D/LiDAR



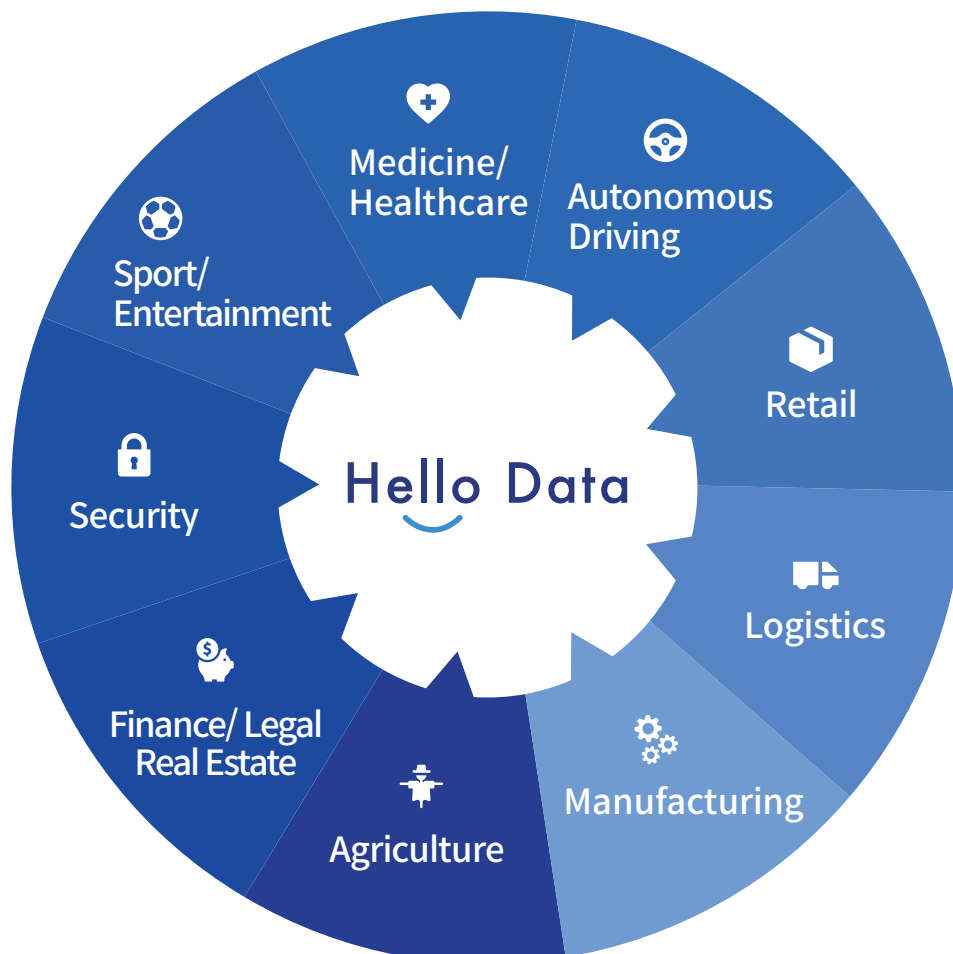
Text



Audio

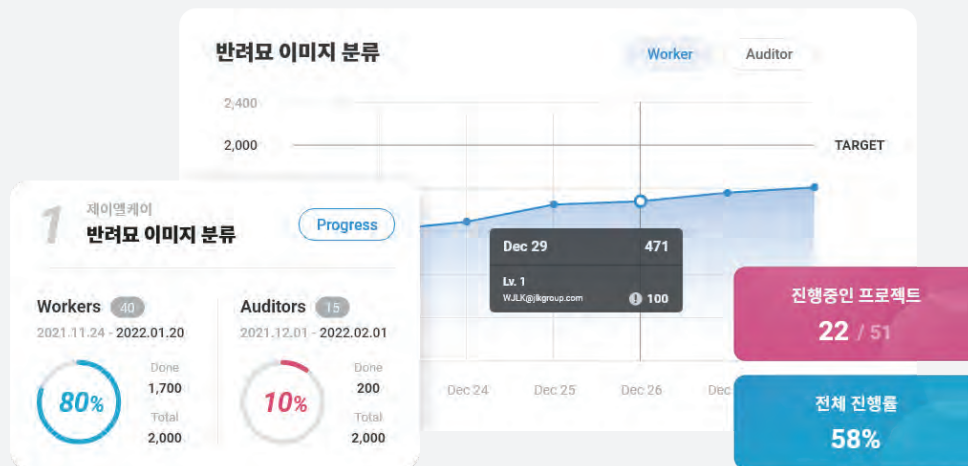
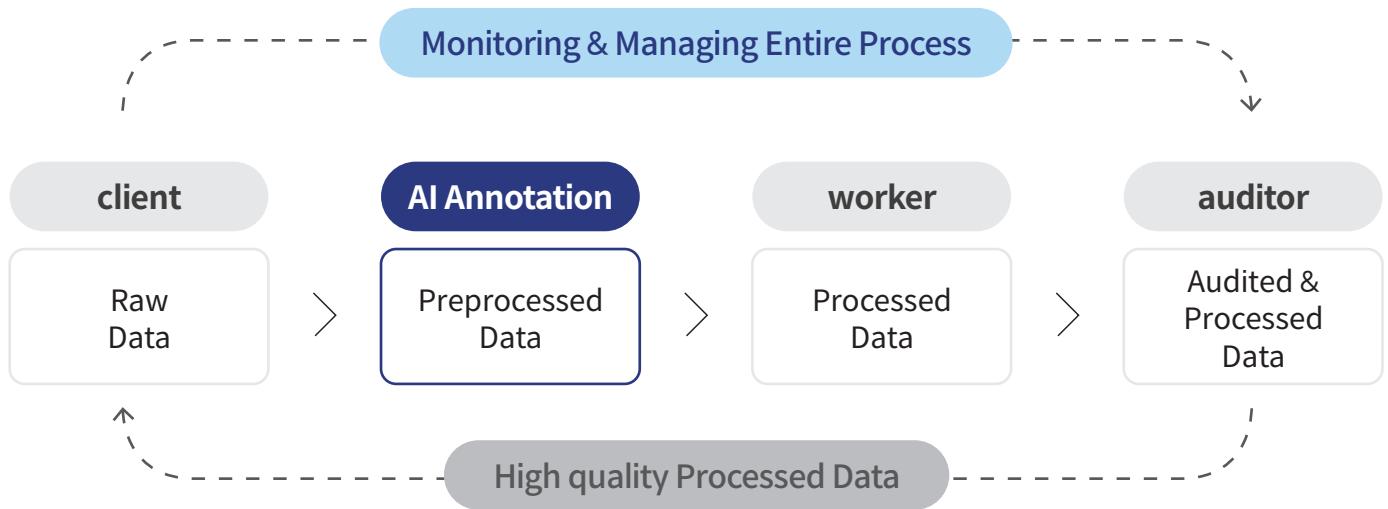


Video



# Systematic Project Management

Real-time project status provides efficient project environment



- ✓ Dashboard and Status statistics provided for project manager to manage project progress and worker/auditor status in real-time
- ✓ Worker invitation and statistics on project progress offers worker's throughput and schedules to the deadline
- ✓ Flexible re-allocation and modification of authorization of worker/auditor according to their information
- ✓ Issue/comment function provides real-time communication with worker/auditor on the task page

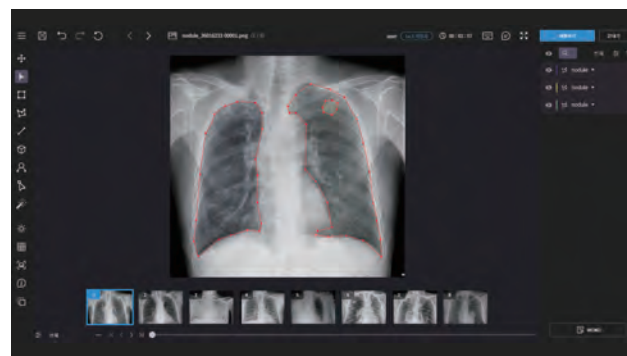
# Optimal Template for Each Data Type

## TYPE 1. Image



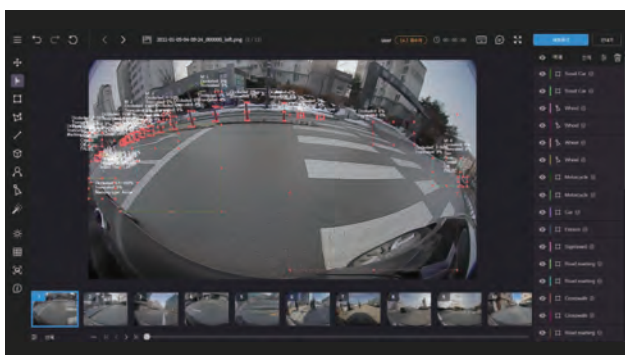
### 01. Semantic Segmentation

To divide objects on the image by class



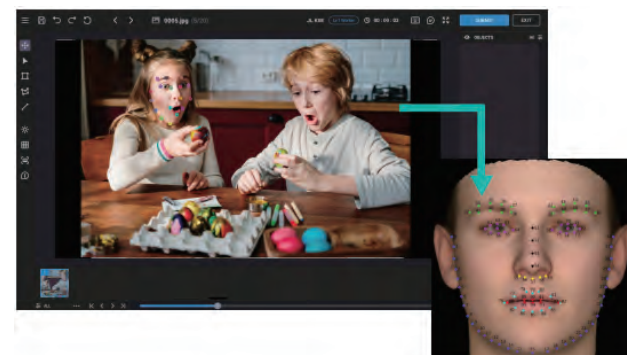
### 02. Image Classification

To sort the digital image by the title of the image



### 03. Object Detection

To mark areas of the object on the image and sort them by class



### 04. Key point Annotation

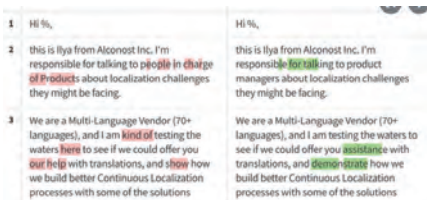
To label the feature points of the object in the image as key points

# Optimal Template for Each Data Type

## TYPE 2. Text

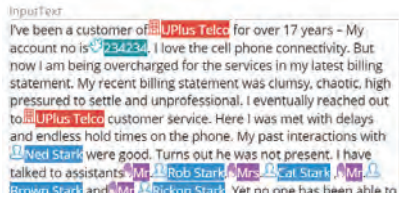
### Text Translation

To translate the text into particular language



### Text Extraction

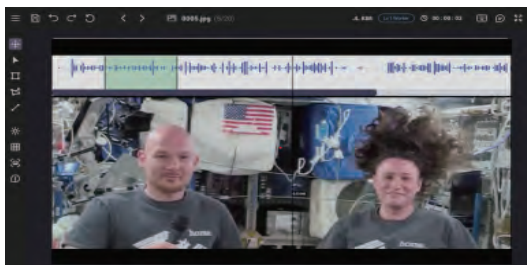
To classify important words or sentences such as entities and keywords according to the purpose of the data processing



## TYPE 4. Video

### Video Classification

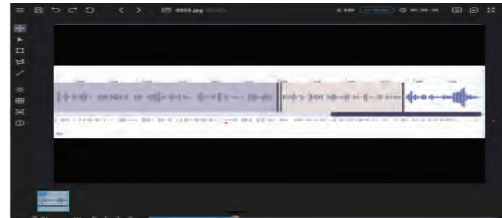
To write the entire theme of the video and categorize the content of the video



## TYPE 3. Audio

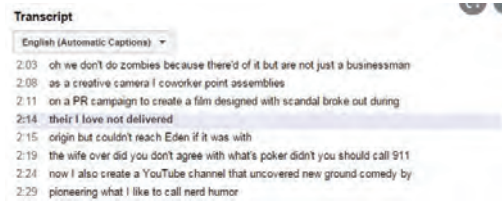
### Audio Diarization

To classify the section spoken in the given voice data according to the purpose.



### Audio Transcription

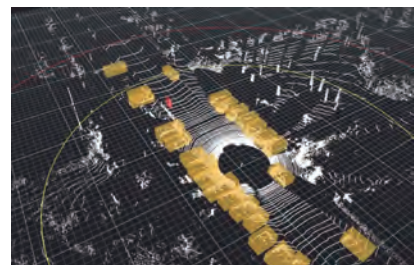
Recognizing a given voice and converting it into text, such as creating movie subtitles



## TYPE 5. 3D/LiDAR

### 3D Cuboid Detection

To detect objects on the point cloud data obtained from LiDAR data in the 3D Cuboid format





# Strict Security Maintenance

Preventative security control of data and project by integrating with the global cloud platform of the client's preference or an internal server for on premise environment

## Worker Invitation via Email

Worker invitation email lasting for 24 hours and temporary password provision to maintain worker management and security

## Complete Data Leakage Prevention

Real-time master account management enables abnormal activity or worker control during the project

## Strict Security Maintenance via Surveillance

Prepare for security of physical servers and attacks on other networks, such as DDoS

## Systematic Network Security

Establish safe network security by operating on a cloud provider of the client's preference or internal server of the client's company





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