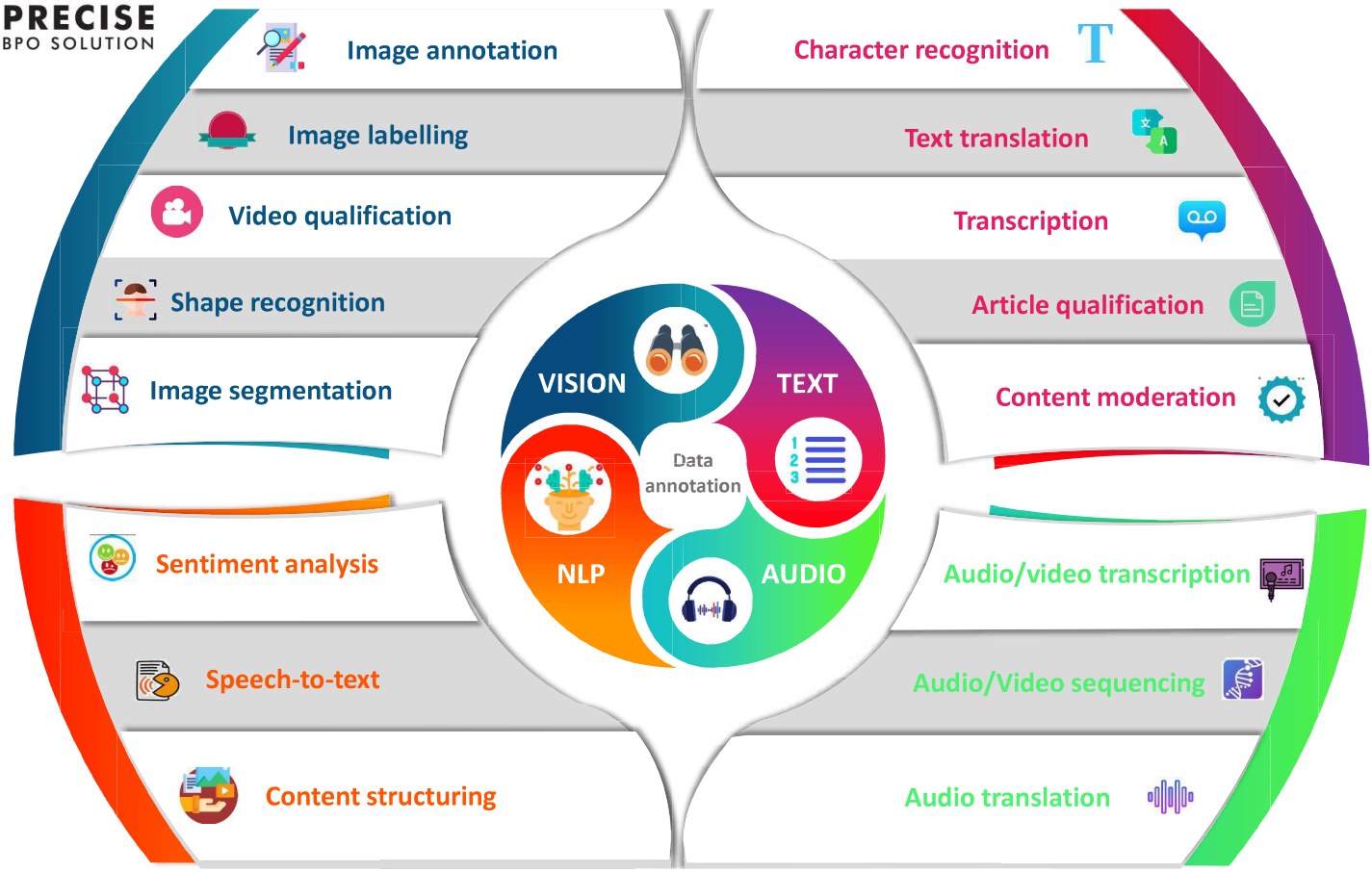
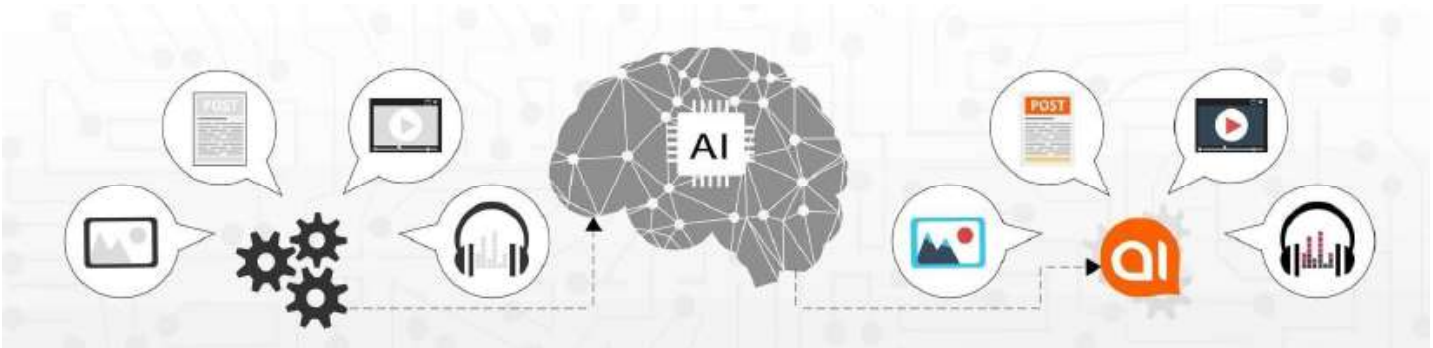
PRECISE BPO SOLUTION





PRECISE BPO SOLUTION

PRECISE BPO SOLUTION

Data annotation

VISION

IMAGE ANNOTATION

WHAT IS IT?

The process of associating an entire image, or a section of an image, with an identifier label.

IMAGE LABELLING

WHAT IS IT?

The process of recognizing different entities in an image.

VIDEO QUALIFICATION

WHAT IS IT?

Each frame or key-frames annotated with or without object tracking.

SHAPE RECOGNITION

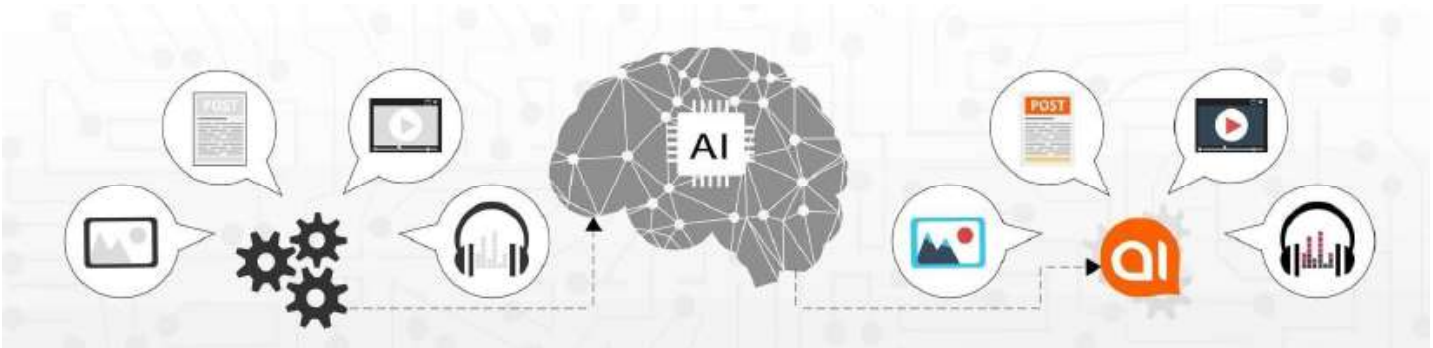
WHAT IS IT?

The process of identifying objects or shape in images or videos.

IMAGE SEGMENTATION

WHAT IS IT?

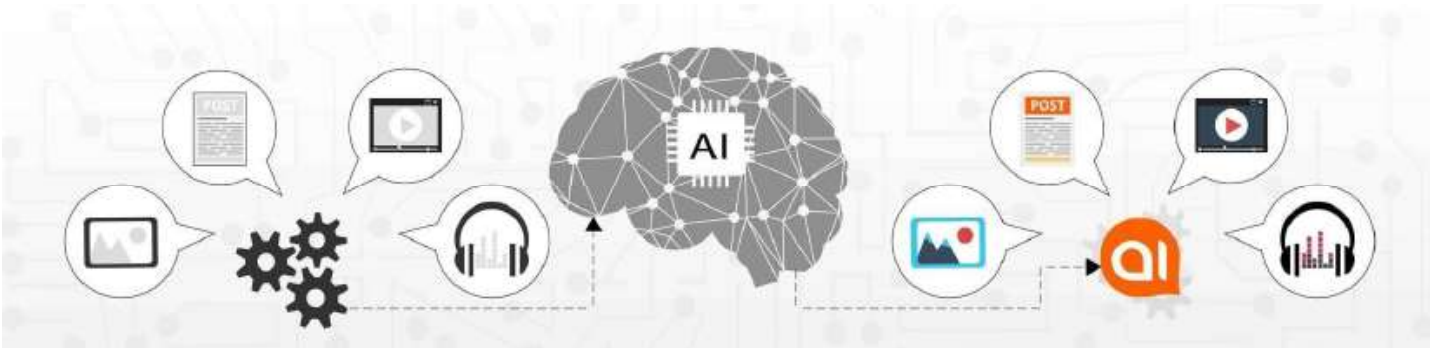
The process of partitioning a digital image into multiple segments.



PRECISE
BPO SOLUTION

IMAGE ANNOTATION - BOUNDING BOX

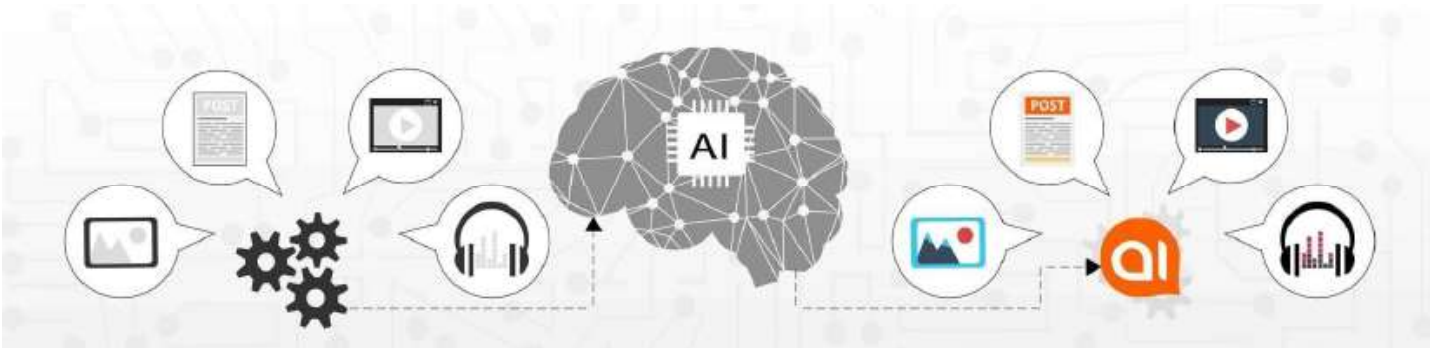
This is typically called “product taxonomy”. The objective of this task is to recognize each product on the shelf so that a machine can learn to do the inventory. This method especially helps when human task is not accessible or while seeking for an optimized time for inventory.



PRECISE
BPO SOLUTION

IMAGE ANNOTATION - BOUNDING BOX

This method of labelling consists of giving as many details as is provided in the question part regarding the item inside a bounding box.
This labelling task allows a more accurate search by image on online marketplaces and helps the software to easily recognize similar items for customers.

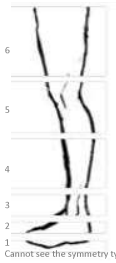


PRECISE BPO SOLUTION

IMAGE ANNOTATION - BOUNDING BOX

What type of pants is in the box in the image
- One pants (if selected, answer questions below)
- More than one of the same pant (if selected, answer questions below)
- Multiple different pants (if selected, click submit)
- Not a pant (if selected, click submit)
- Cannot see the type of pant
- The image did not load (if selected, click submit)

Select the region where the pant hemline ends on the leg



- 6
- 5
- 4
- 3
- 2
- 1
- Cannot see the symmetry type

What type of symmetry does the pant have?
- High low
- Left right
- Straight
- Other symmetry type
- Cannot see the symmetry type

Does the pant have a slit? o Yes o No

Is it a jean pant? o Yes o No

What is the upper half fit of the pant?
- Fitted
- Relaxed
- Flowy
- Cannot see the fit

What type of embellishments does the skirt have?
- Embroidery
- Sequins
- Beads
- Ruffles
- Buttons
- Accordion pleats
- Zipper detailing
- None

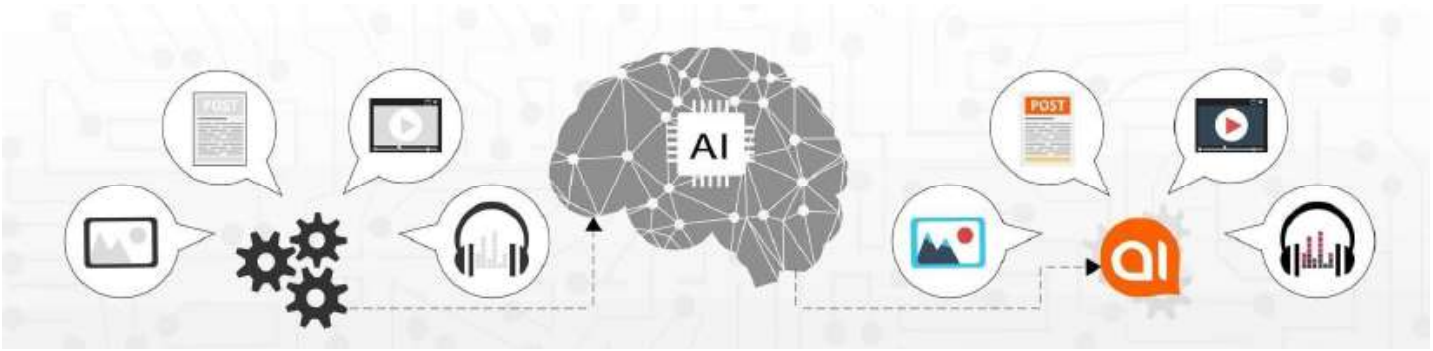
What type of material does the pant have?
- Denim
- Leather
- Other

Is there mesh on the pant? o Yes o No

Is the pant distressed? o Yes o No

SUBMIT

This method of labelling consists of giving as many details as is provided in the question part regarding the item inside a bounding box.
This labelling task allows a more accurate search by image on online marketplaces and helps the software to easily recognize similar items for customers.



PRECISE BPO SOLUTION

IMAGE ANNOTATION - IMAGE LABELLING

Code: B01JGEGZIG

Submit

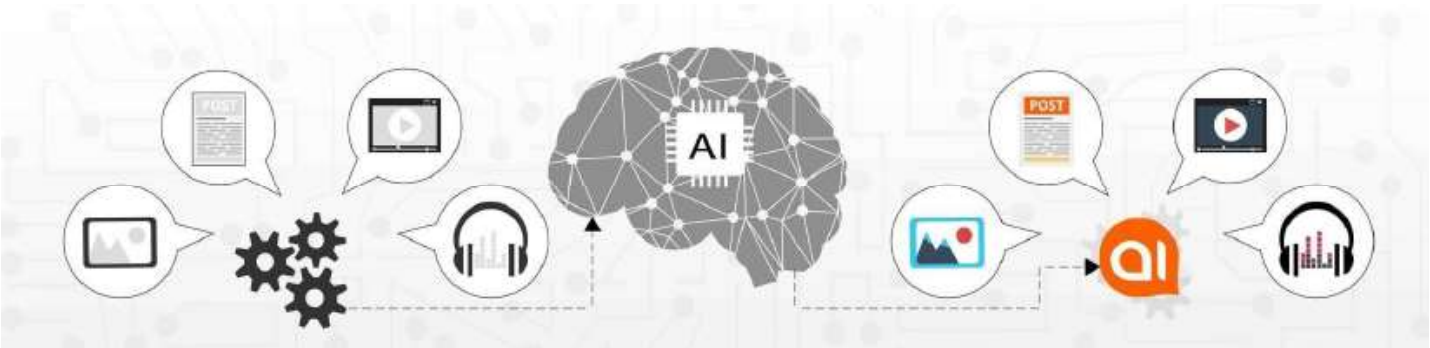
Is this an image of a watch
- ○ Yes (if selected, answer questions below)
- ○ No (if selected, click submit)
- ○ The image did not load (if selected, click submit)

Is this a woman watch?
- ○ Yes
- ○ No
- ○ Cannot see enough to determine if the watch is woman's

What is the type of the watch?

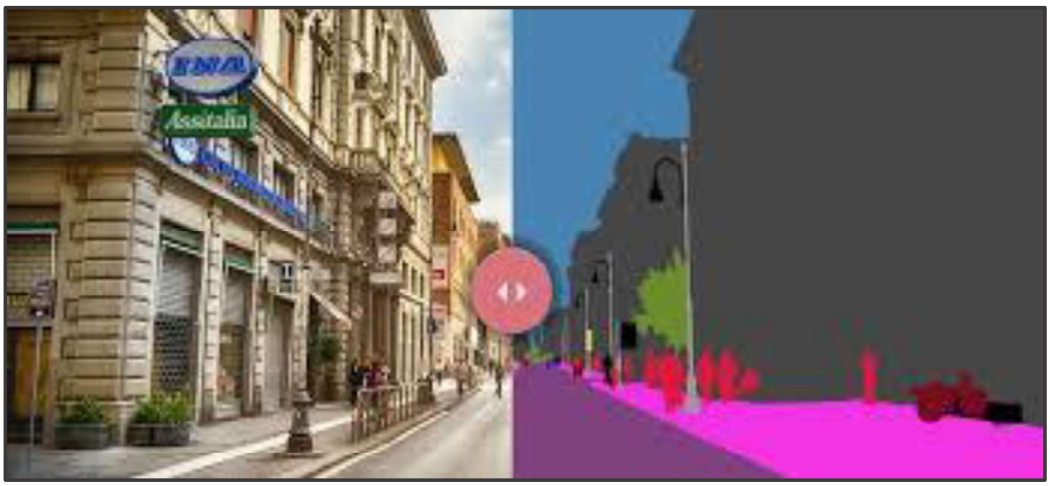
○Analog	○Touchscreen	○Quartz
○Digital	○Casual	○Mechanical Automatic
○Hybrid	○Dress	○Cannot see the attribute

Image labelling tasks contributes to a higher accuracy in product search suggestions and results, this consists in classifying the product on the left side by answering all given questions. This type of model is best for online marketplaces and mobile apps that have the same objective.
This can be used using all types of products and items.

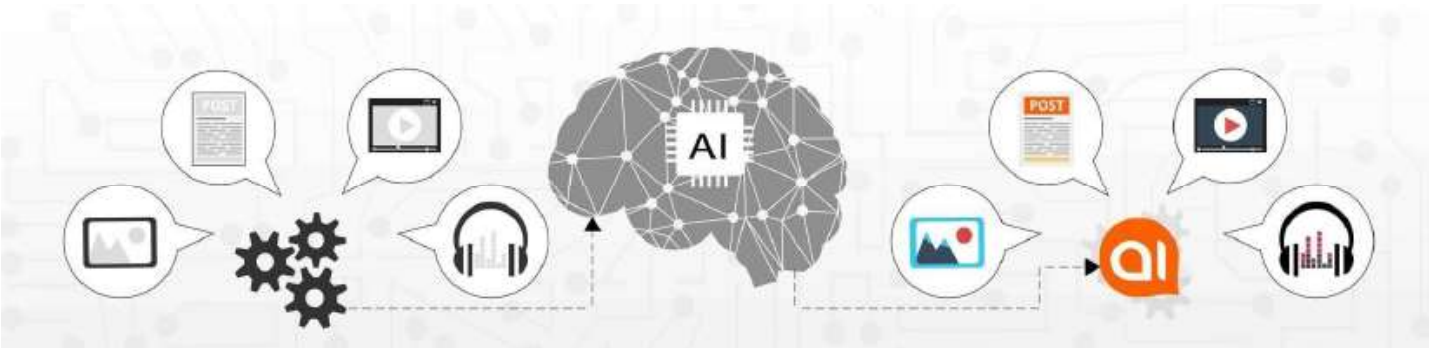


PRECISE
BPO SOLUTION

IMAGE ANNOTATION - SEMANTIC SEGMENTATION



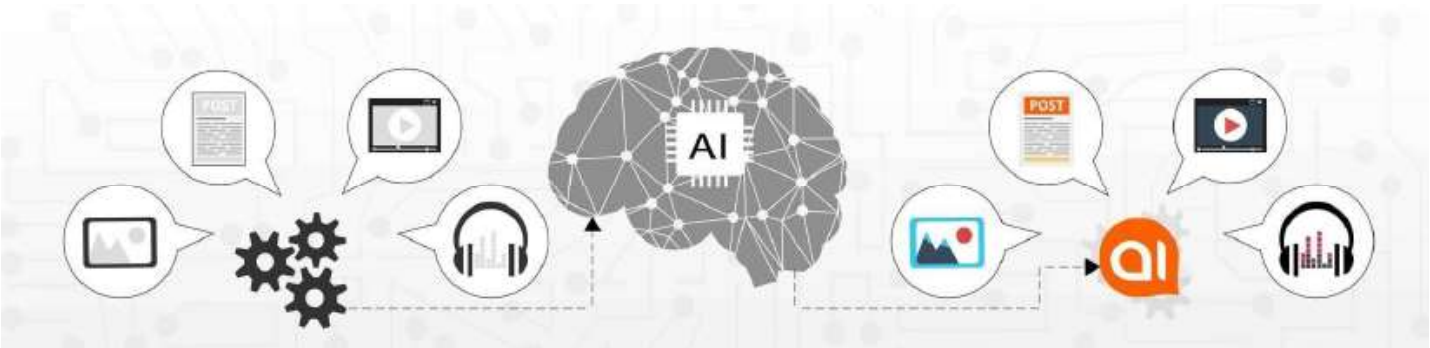
This is an example of a model in spatial sequencing, adaptable for radars, automated vehicles and other machines that need spatial recognition.
The annotation method consists of segmenting the environment and labelling the items one by one so that the AI will recognize the surroundings, where to go and what to avoid on the road.
This can also be used in a more optical way to define an environment in case of real-life search of a specific environment details. For instance, on a public safety project, this method can be used to detect all fire hydrants in the town with optically enhanced pictures.



PRECISE
BPO SOLUTION

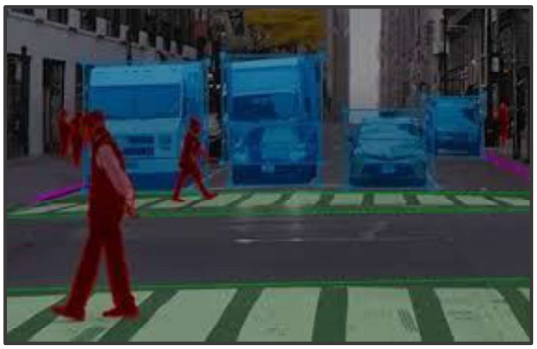
IMAGE ANNOTATION - SEMANTIC SEGMENTATION

Image segmentation is the process of partitioning a digital image into multiple segments (sets of pixels, also known as image objects). The goal is to simplify and/or change the representation of an image into something that is more meaningful and easier to analyze. This is an example of model in spatial sequencing, adaptable for radars, automated vehicles and other machines that need spatial recognition.

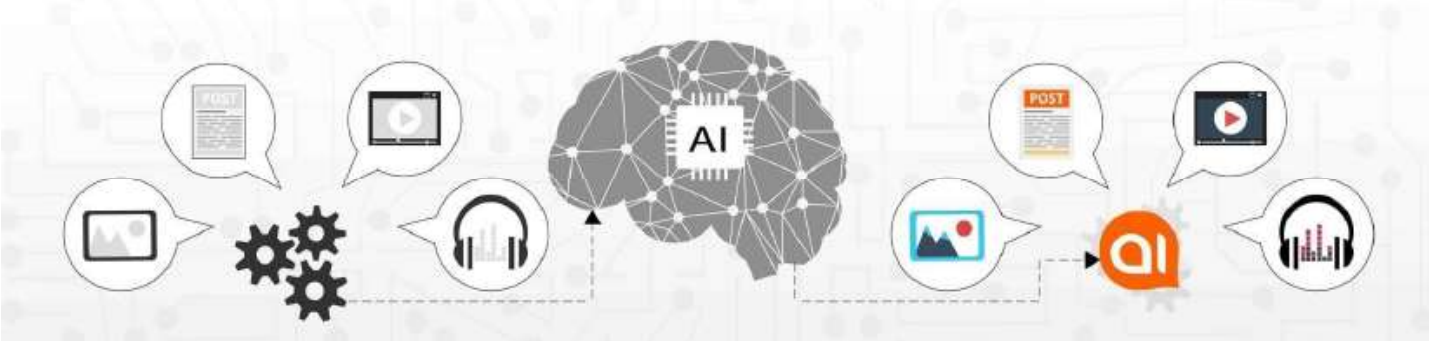


PRECISE
BPO SOLUTION

IMAGE ANNOTATION - SEMANTIC SEGMENTATION

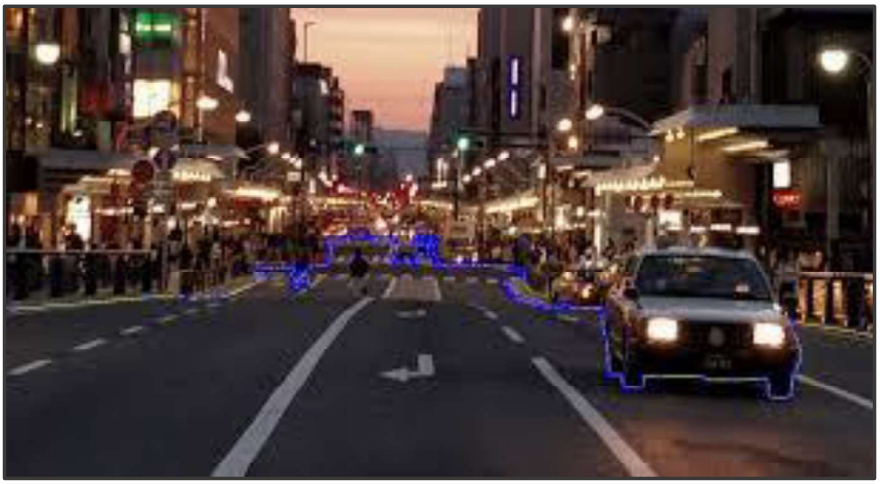


Semantic segmentation are commonly used in training the self-driving car perception model to recognize the different types of objects comes on the roads like traffic signals, lane obstacles and pedestrians etc. All the visible objects can be annotated to make it recognizable for machines to understand the surroundings and move the vehicle safely while avoiding any crashes even when moving into the busy streets..

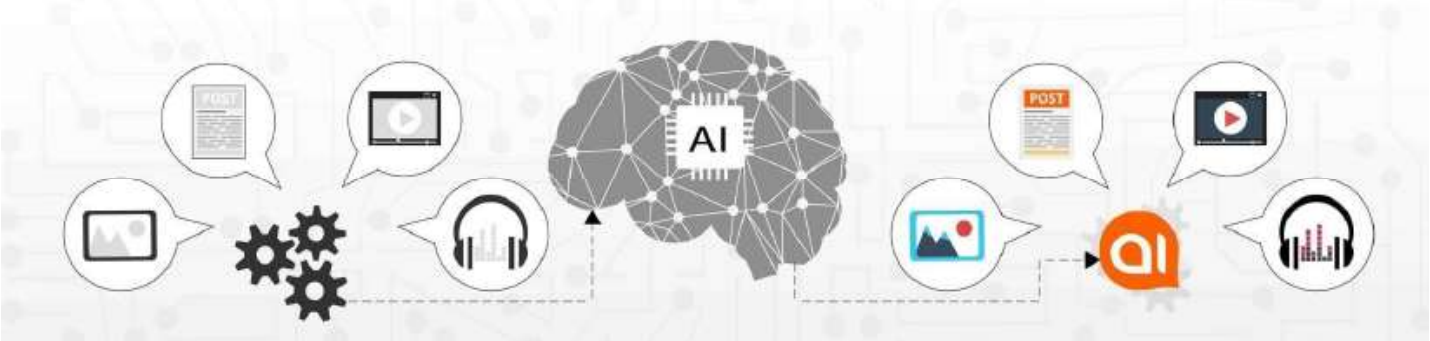


PRECISE
BPO SOLUTION

IMAGE ANNOTATION - SEMANTIC SEGMENTATION



This kind of semantic segmentation helps with visual and spatial recognition of automated bots and machines. These types of models can be used in various innovative security systems, bot automation, mobile apps conception and many others. This is useful for robot vision and understanding, autonomous driving, etc.



PRECISE BPO SOLUTION

IMAGE ANNOTATION - CONTENT QUALIFICATION

Section 1: Questions

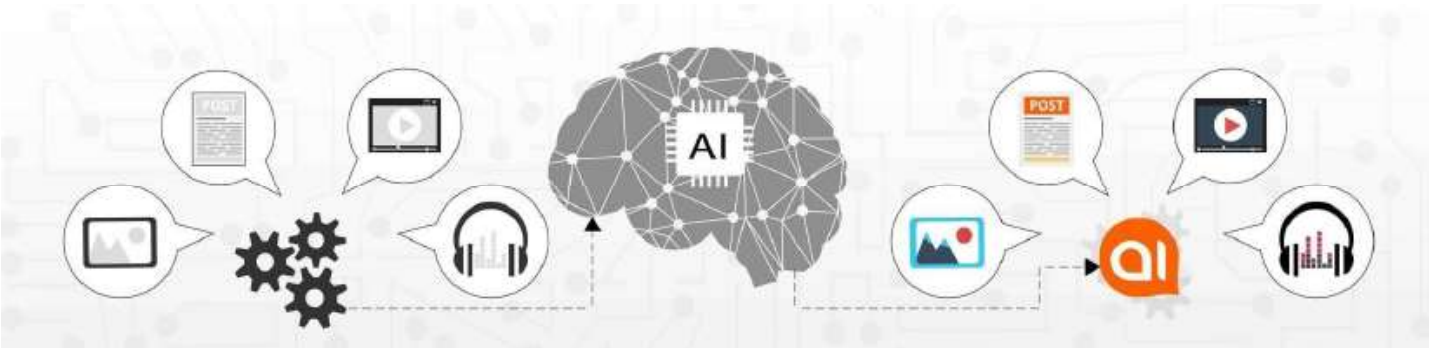
Question 1?
- Yes
- No

Question 2?
- Yes
- No

Question 3?
- Option 1
- Option 2

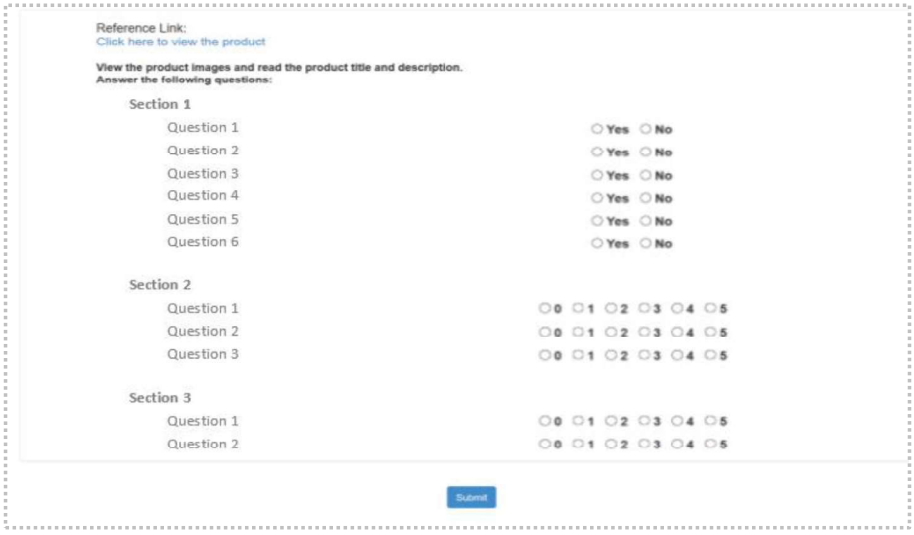
Question #?
- Option 1
- Option 2
- Option 3

Content qualification consists in answering all the questions given according to what we see on the image .
This is perfect for deep learning and specific image database for an improvement of the modeling system and learning method of the bot. This can also generate research improvement in the field of e-commerce, retail etc.
The models vary according to the objectives of each project.
This is useful for the users protection from illegal articles, internet harassment, nudity, fraud and counterfeits etc.



PRECISE BPO SOLUTION

IMAGE ANNOTATION - CONTENT QUALIFICATION



Reference Link:
Click here to view the product

View the product images and read the product title and description.
Answer the following questions:

Section 1

Question 1	○ Yes ○ No
Question 2	○ Yes ○ No
Question 3	○ Yes ○ No
Question 4	○ Yes ○ No
Question 5	○ Yes ○ No
Question 6	○ Yes ○ No

Section 2

Question 1	○0 ○1 ○2 ○3 ○4 ○5
Question 2	○0 ○1 ○2 ○3 ○4 ○5
Question 3	○0 ○1 ○2 ○3 ○4 ○5

Section 3

Question 1	○0 ○1 ○2 ○3 ○4 ○5
Question 2	○0 ○1 ○2 ○3 ○4 ○5

Submit

Content qualification consists in answering all the questions given according to what we see on the image .
This is perfect for deep learning and specific image database for an improvement of the modeling system and learning method of the bot. This can also generate research improvement in the field of e-commerce, retail etc.
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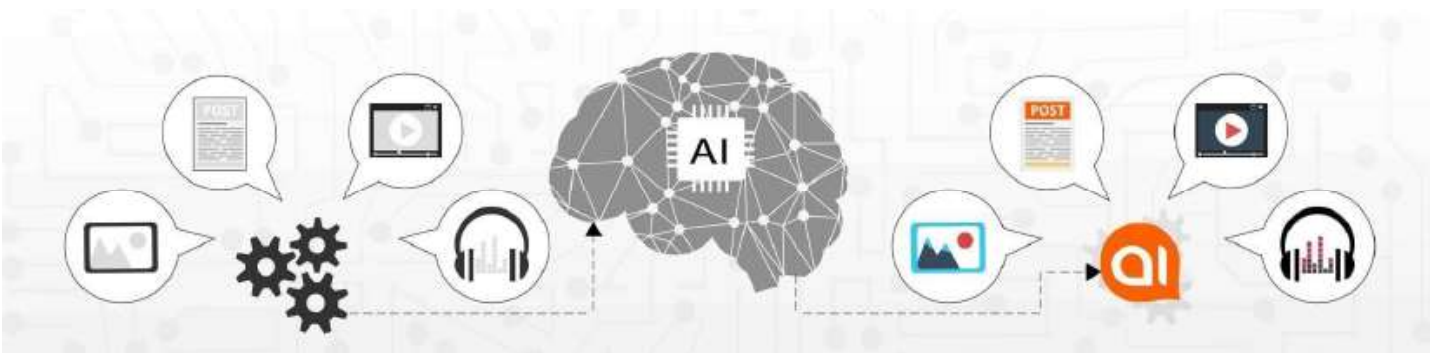
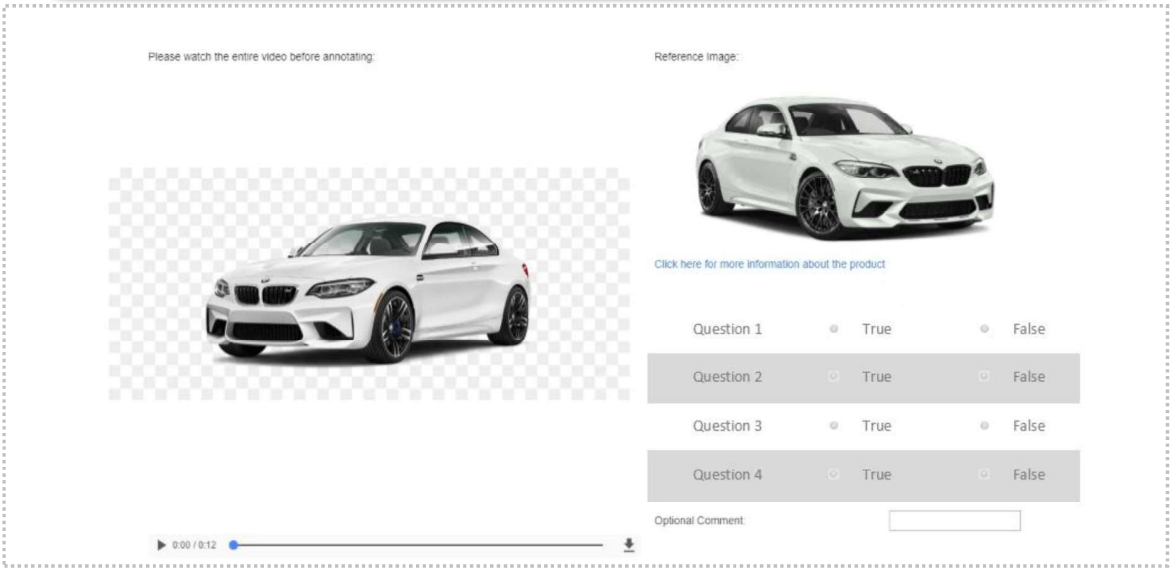
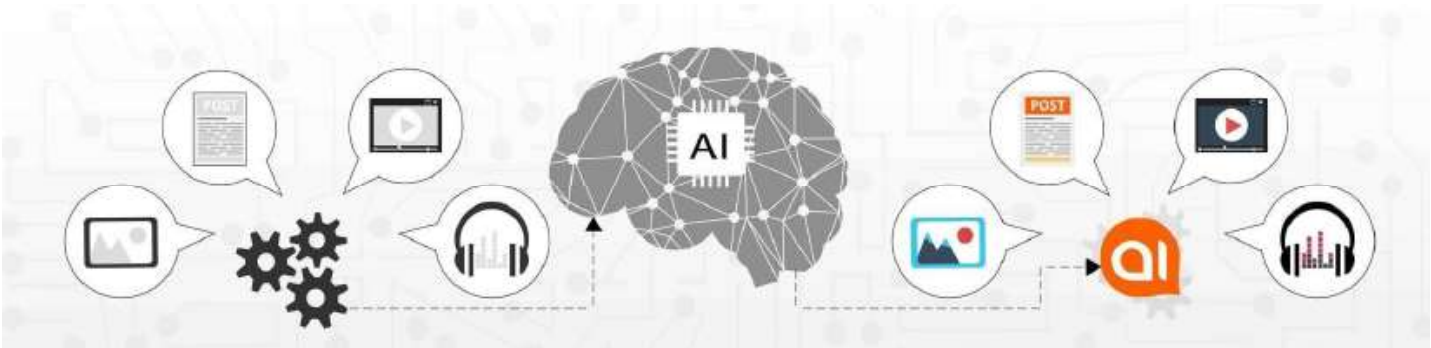


PRECISE BPO SOLUTION

VISUAL MODELING – VIDEO STRANDS AND IMAGE SEQUENCES



This task consists in seeing all the sequences of the 3D image in the video then answer the information given by yes or no related to the media.
This allows us to predefine the 3D model of an image whether it is usable for a VR project or not. When some models are labelled inconsistent for VR models, the pre-imaging process has to be reviewed.
This one is the best for Human-In-The-Loop and all Virtual Reality related projects.



PRECISE BPO SOLUTION

VISUAL MODELING – VIDEO STRANDS AND IMAGE SEQUENCES

Please watch the entire video before annotating:

Reference Image:

Click here for more information about the product

Question 1	o Yes	o No	
Question 2	o Yes	o No	
Question 3	o Yes	o No	
Question 4	o Yes	o No	
Question 5	o Yes	o No	
Question 6	o Yes	o No	
Question 7	o Option 1	o Option 2	Other
Question 8	o Option 2	o Option 3	Other
Question 9	o Option 3	o Option 4	Other

Submit

This task consists in seeing all the sequences of the 3D image in the video then answer the information given by yes or no related to the media.

This allows us to predefine the 3D model of an image whether it is usable for a VR project or not. When some models are labelled inconsistent for VR models, the pre-imaging process has to be reviewed.

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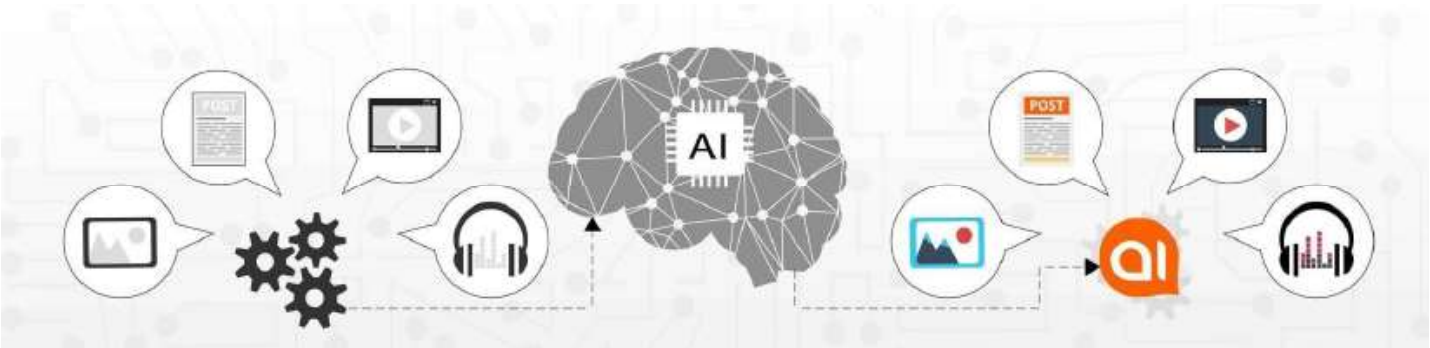


PRECISE BPO SOLUTION

PRECISE BPO SOLUTION

Data annotation

TEXT

CHARACTER RECOGNITION

WHAT IS IT?

The use of technology to distinguish printed or handwritten text characters inside digital images.

TEXT TRANSLATION

WHAT IS IT?

The communication of meaning from one language (the source) to another language (the target).

ARTICLE QUALIFICATION

WHAT IS IT?

Validation of content and correction of language formalities.

TRANSCRIPTION

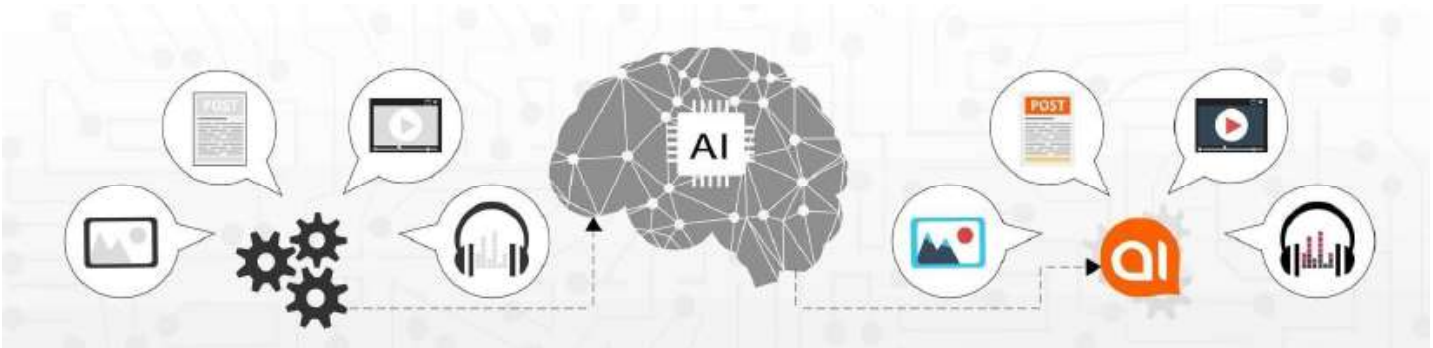
WHAT IS IT?

The process in which speech or audio is converted into a written document.

CONTENT MODERATION

WHAT IS IT?

The process of labeling or flagging data that does not meet guidelines that you find acceptable



PRECISE
BPO SOLUTION

TEXT ANNOTATION – IMAGE TRANSCRIPTION

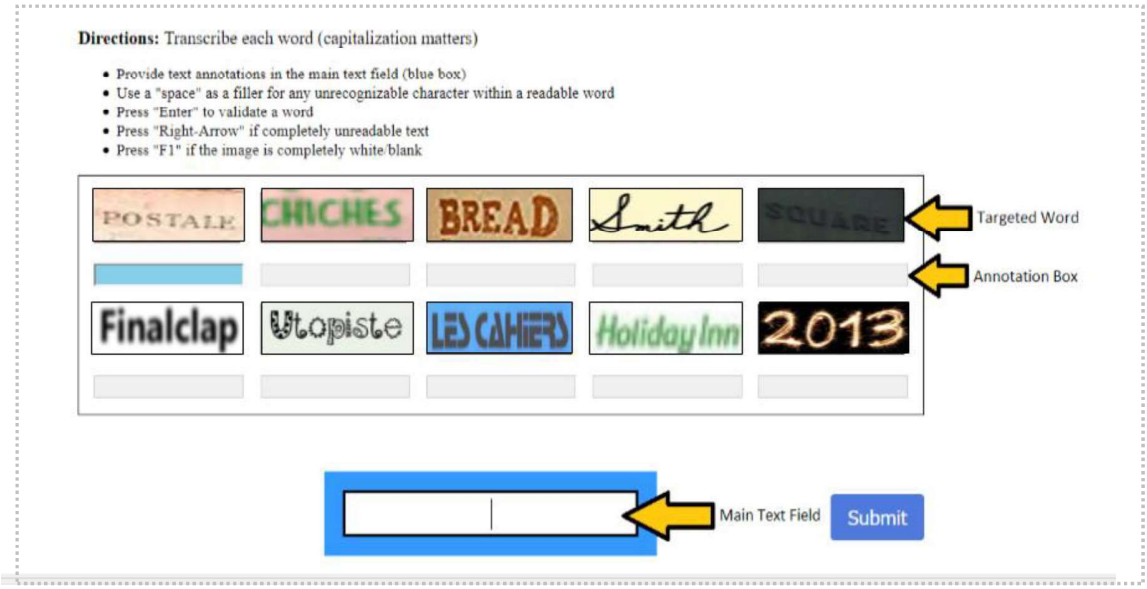
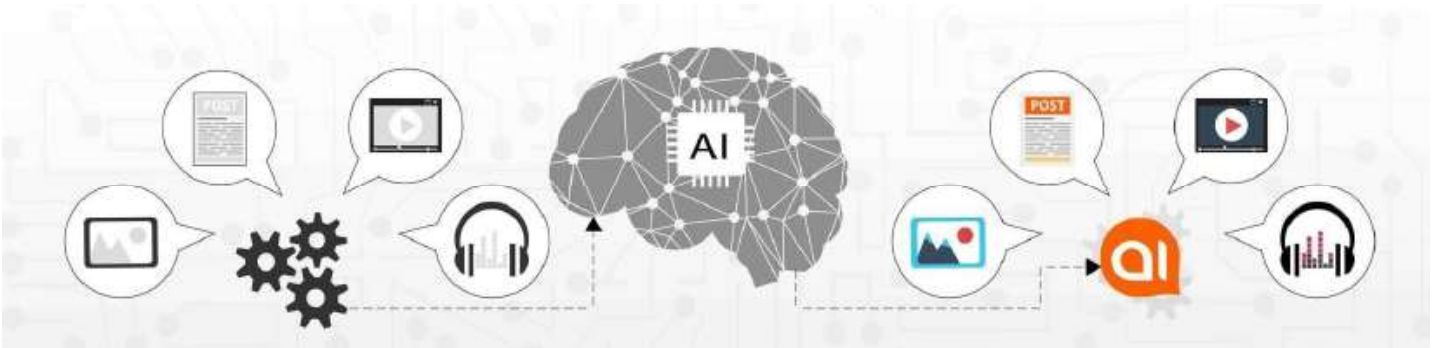


Image transcription consists in identifying and extracting text such as in a photograph, on a receipt or a handwriting within the image and then write it in the main text field .
This tasks helps text recognition in all fonts with product images displaying text to represent brands, product information, size etc...

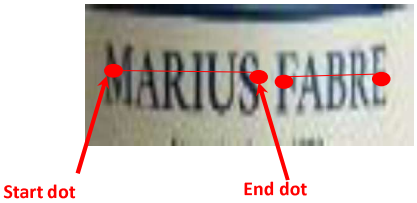


PRECISE BPO SOLUTION

TEXT ANNOTATION – WORD-DOTS

Directions:

- Place a dot on every Targeted Word
- Draw axis-aligned bounding boxes around all regions containing Unreadable text
- Answering additional question - Does the image contain any readable/unreadable text?
- Answering additional question - Image unable to load correctly



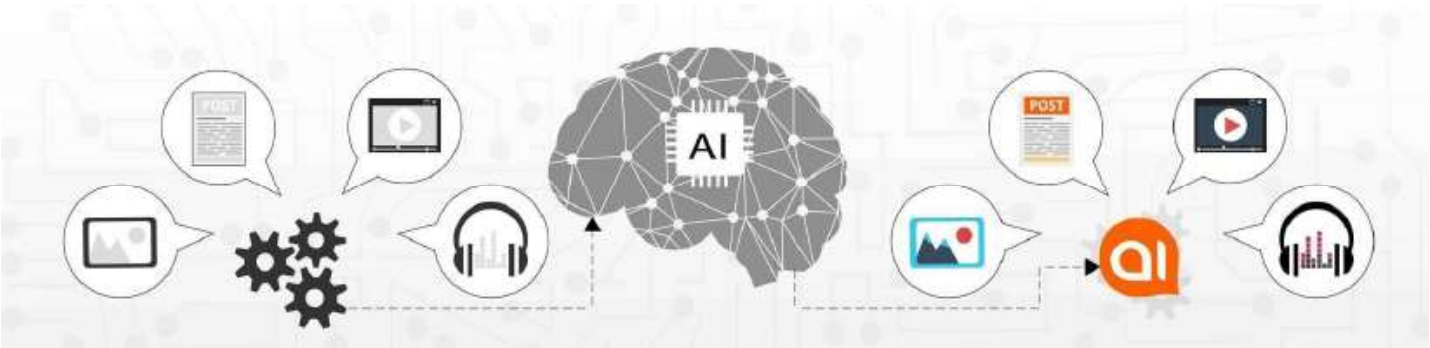
Correct

Yes | No | Does the image contain any readable/unreadable text?

Check the box here if the image was not loaded correctly

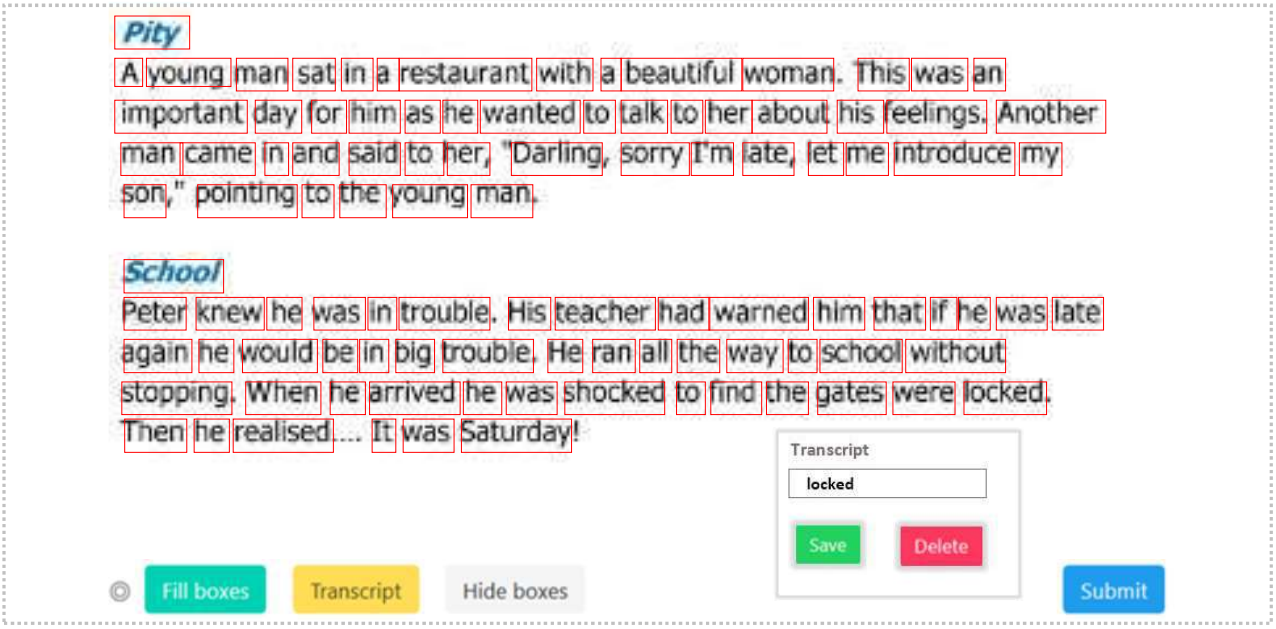
Text-word-dots helps with word transcription, to see if the text in the image is readable or not. This method can be used whether for handwriting or typed characters. The objective is for an OCR to be able to recognize the description of a product.

Use cases include the ability of inventory drones in stores or foresighting machines in inaccessible areas.

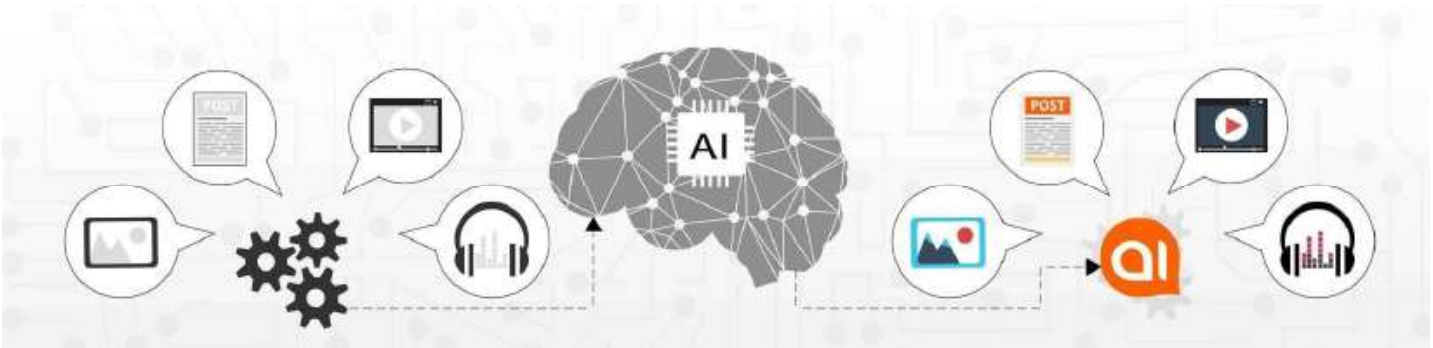


PRECISE
BPO SOLUTION

TEXT ANNOTATION – BOUNDING BOX



The purpose of this task is to make sure all units of text are captured with a bounding box, so that the words can be transcribed. The advantage is to train an OCR to recognize and identify a broad range of languages and special characters. This can be useful for document automatic translation, financial analytics, etc.



PRECISE BPO SOLUTION

PRECISE BPO SOLUTION

Data annotation

AUDIO

AUDIO/VIDEO TRANSCRIPTION

WHAT IS IT?

The transformation of verbal and audio materials into text.

AUDIO/VIDEO SEQUENCING

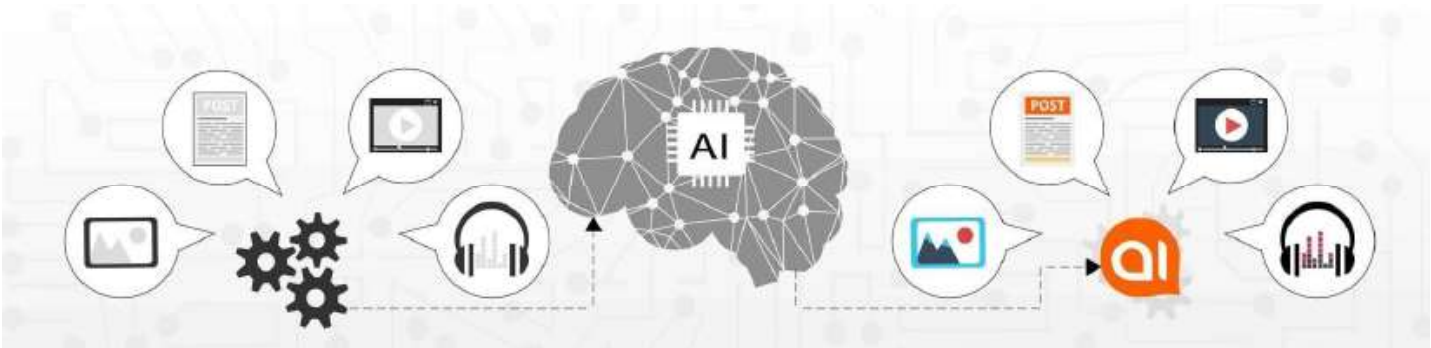
WHAT IS IT?

Video sequencing into categories of content or form.

AUDIO TRANSLATION

WHAT IS IT?

The process by which conversational spoken phrases are instantly translated and spoken aloud in a second language.



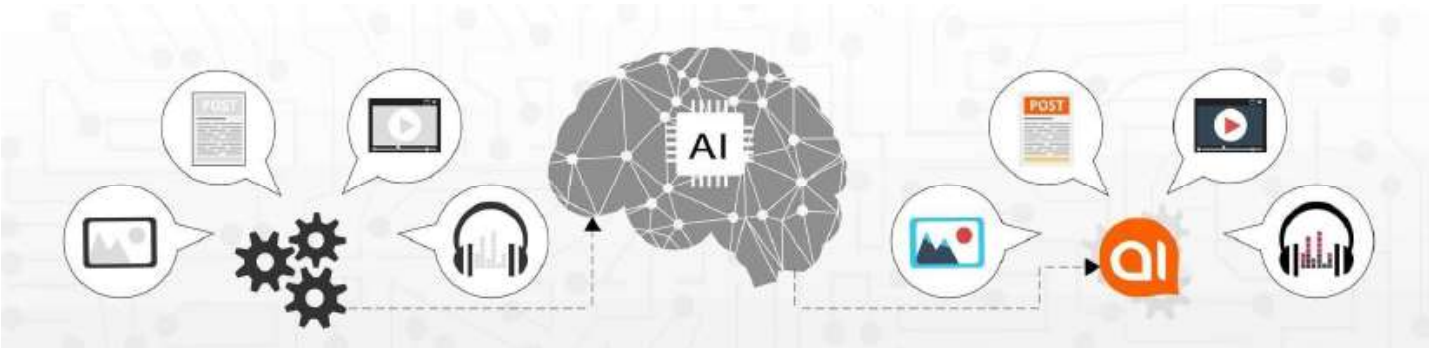
PRECISE
BPO SOLUTION

AUDIO TRANSCRIPTION

Hello! my name is Andrew

NEXT

The audio transcription is the transformation of verbal and audio materials into a written text.
One of the most important uses for audio transcription today is to produce a written record of important events and to provide machine-readable information for dissemination on the internet or through email.
This are useful for Chatbot training, journalists or for the disabled people.



PRECISE BPO SOLUTION

PRECISE BPO SOLUTION

Data annotation

NLP

CONTENT STRUCTURING

WHAT IS IT?

Categorization of content based on emotions, general ideas or dialogue form

SPEECH-TO-TEXT

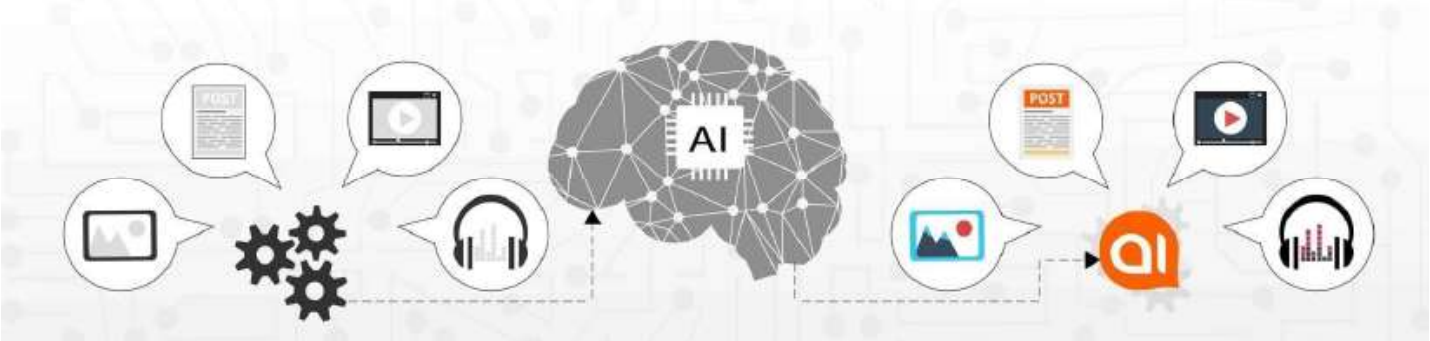
WHAT IS IT?

The process of converting spoken words into written texts

SENTIMENT ANALYSIS

WHAT IS IT?

The automated process that uses AI to identify positive, negative and neutral opinions from text



PRECISE
BPO SOLUTION

NATURAL LANGUAGE PROCESSING

CONTEXT CLUSTERING

	Positive	Negative	Neutral
The sun rises at the East.	○	○	●
I am hungry.	○	○	●
Happy birthday!	●	○	○
This is so sad!	○	●	○

SUBMIT

Natural language processing uses a variety of techniques to understand the complexities of human speech, and NLP software needs an extensive knowledge base to operate effectively.
NLP is used for creditworthiness assessment, neural machine translation, chatbots training, sentiment analysis, hiring and recruitments, market intelligence and so.

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Gurudwara Road, Walhekarwadi
Pune 411033

Reg Address :
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Survey No 14/7, Near Maherwat,
Dhayari,
Pune 411041

Contacts
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P: +91 982 262 2544