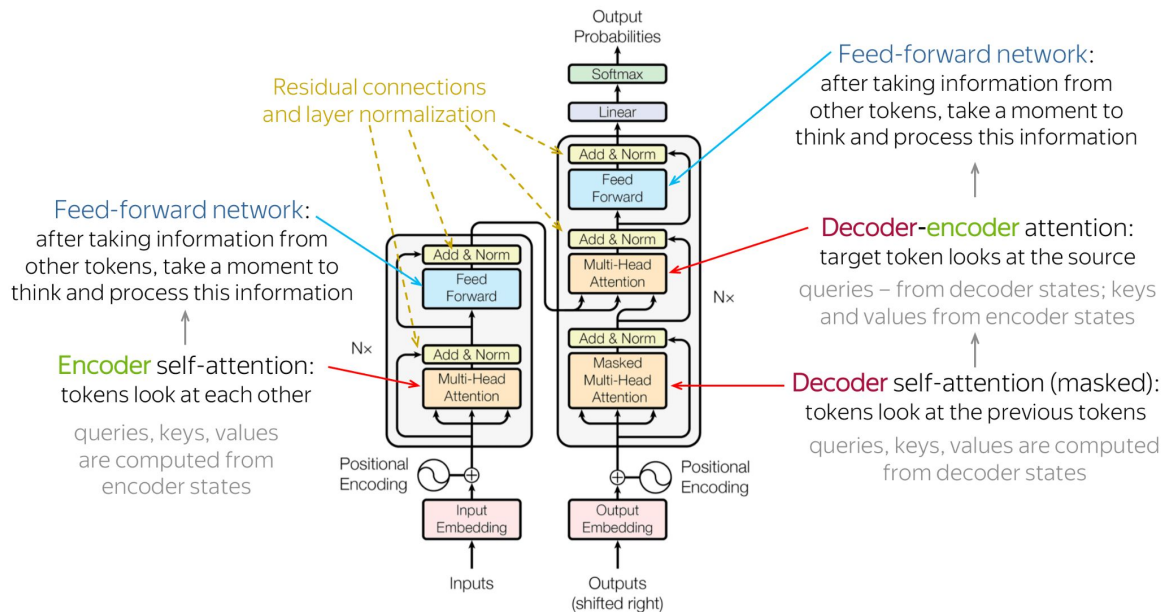


What is Google Vision?

Discover the image labeling and entity-recognition model by Google.

Transformer Models



[Source](#)


Google Vision

- Available as an [API](#) in Google Cloud

```
# Performs label detection on the image file
response = client.label_detection(image=image)
labels = response.label_annotations

display(Image(image_name, width=100, height=100))
display(image_name.split("/")[-1])

print()
print('Labels:')
for label in labels:
    print("-", label.description)
```



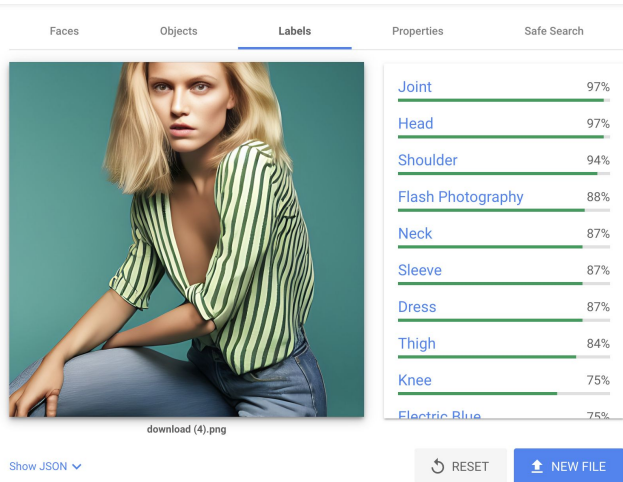
'c21.png'

Labels:

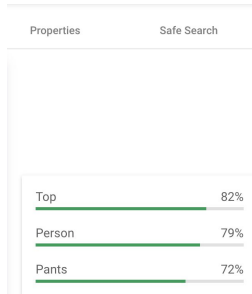
- Hair
- Joint
- Head
- Shoulder
- Eye
- Flash photography
- Neck
- Sleeve
- Dress

Google Vision Features

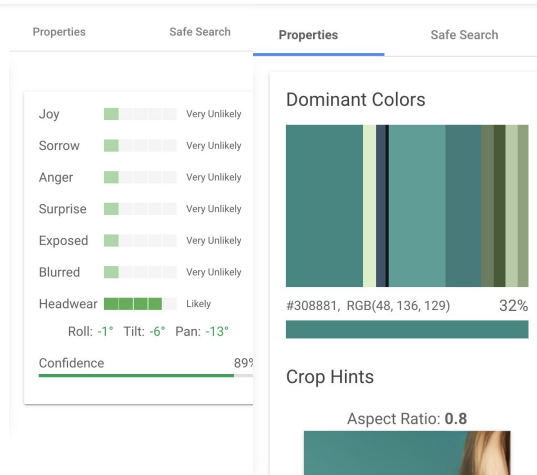
Labelling



Objects

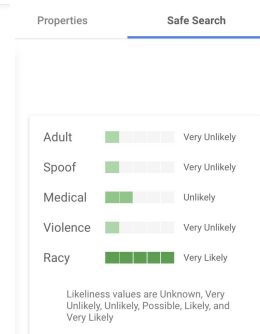


Faces



Colors

Safety




Google Vision Use Cases

Product Images

```
# Performs label detection on the image file
response = client.label_detection(image=image)
labels = response.label_annotations

display(Image(image_name, width=100, height=100))
display(image_name.split("/")[-1])

print()
print('Labels:')
for label in labels:
    print("-", label.description)
```



'c21.png'

Labels:


- Hair
- Joint
- Head
- Shoulder
- Eye
- Flash photography
- Neck
- Sleeve
- Dress


Ad Creative


	A	B	C	D	E
1	asset_tag	tag_type	in_creatives	num_creatives	total_cost
2	Adaptation	gv_labels	c12	1	566.39
3	Alcohol	gv_labels	c12,c57	2	1165.98
4	Arm	gv_labels	c4	1	2103.83
5	Bar	gv_labels	c1	1	464.19
6	Beauty	gv_labels	c10,c22	2	1791.86
7	Blue	gv_labels	c10	1	1478.96
8	Coffee cup	gv_labels	c5	1	188.18
9	Communication Device	gv_labels	c100,c107,c108,c14,	23	31912.14
10	Conversation	gv_labels	c12,c22	2	879.29
11	Cool	gv_labels	c57	1	599.59
12	Credit card	gv_labels	c171	1	3978.95
13	Cup	gv_labels	c5	1	188.18
14	Denim	gv_labels	c10	1	1478.96
15	Design	gv_labels	c12	1	566.39
16	Dinner	gv_labels	c1	1	464.19
17	Drink	gv_labels	c1,c12,c57	3	1630.17
18	Electronic device	gv_labels	c12,c14,c17,c171,c1	29	116937.93
19	Electronics	gv_labels	c269	1	1623
20	Event	gv_labels	c1,c22,c57	3	1376.68
21	Eyewear	gv_labels	c31,c8	2	628.25
22	Fashion	gv_labels	c10,c22	2	1791.86
23	Fashion accessory	gv_labels	c57	1	599.59
24	Fashion design	gv_labels	c22	1	312.9
25	Finger	gv_labels	c18,c4,c5,c7	4	2989.32
26	Font	gv_labels	c100,c101,c107,c108	22	110956.58
27	Food	gv_labels	c1	1	464.19


NSFW Detection


Properties Safe Search

Adult  Very Unlikely

Spoof  Very Unlikely

Medical  Unlikely

Violence  Very Unlikely

Racy  Very Likely

Likelihood values are Unknown, Very Unlikely, Unlikely, Possible, Likely, and Very Likely