Visual Search and Recognition for Business
Image Recognition and Search

Advanced processing of visual content

- Recognition of your Image Content
  Classification, tagging & object detection, text retrieval

- Search in your Image Collection
  Index & search large collections by visual similarity
Generic Tagging

- Suggesting tags for generic photos
- We recognize 1000 concepts and growing

<table>
<thead>
<tr>
<th>Highly Probable</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>OUTDOOR</td>
<td>99.66 %</td>
</tr>
<tr>
<td>RIVER</td>
<td>97.25 %</td>
</tr>
<tr>
<td>NOBODY</td>
<td>91.50 %</td>
</tr>
<tr>
<td>BRIDGE</td>
<td>88.55 %</td>
</tr>
<tr>
<td>HOUSE</td>
<td>77.28 %</td>
</tr>
<tr>
<td>TREE</td>
<td>75.65 %</td>
</tr>
<tr>
<td>CLOUDS</td>
<td>52.36 %</td>
</tr>
</tbody>
</table>

online demo
Fashion Tagging

- Categorization & tagging
  - of fashion product photos

- Rich fashion taxonomy
  - Over 500 concepts and growing

- Fashion guru in the team

.online demo
Customer-defined Image Recognition

- Recognition — tagging, categorization, detection
- Tags, categories, objects defined by customer

1 — Define
Define your categories and upload sample images.

2 — Train
Define your categories and upload sample images.

3 — Recognize
Define your categories and upload sample images.

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Photo & Product Similarity

- **Find visually similar images in your collection**
  - Offer your customers visually similar alternatives

- **Reverse search**
  - Upload a photo and search in your existing collection
Visual Fashion Search

- **Detect & match** products in any photo source

- **Search** — locate similar products in your collection

*online demo*
Team and Expertise

- Originally: Univ. spin-off
  - 20+ years of research at a technological university
  - 8+ years of applications in image business

- Team of 20+ people
  - 10+ machine learning & visual search experts, developers
  - 10+ content annotators

- Fully bootstrapped
  - key people are co-founders
  - healthy, prospering company

- IBM GEP, IBM Partner
  - 2017: acquisition of Vize.ai
  - 2018: expansion to USA via System Physics Ltd.