Getting started with Microsoft Azure Computer Vision API

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What is Computer Vision API

Computer vision API is the branch of AI that solves the issues such as tagging content appropriately and described for search engines and filtered for bad content marked for the presence of any licensing objects or people

What is Azure Cognitive Services
- Is an enterprise-ready service that, once created provides AI functionalities via several APIs. Each will function for a different purpose in your AI path

The main categories of Azure Cognitive Services are:

- Decision
  - For anomaly detection or detecting overall fraudulent events;

- Language
 - For text analysis or intents and sentiment;

- Speech
 - From translation text-to-speech and speech-to-text

- Vision
  - For vision related features like image analysis or emotion detection

Vision

- Computer vision: Basic computer vision functionalities like face recognition, face detection, and analysis

- Face API: For face-specific aspects like detecting and identifying people and emotions

- Custom vision: TO leverage image models with your data and deploy them to on-premises solutions or the Edge.

Interacting with Cognitive Services

- Send the keys with the header Ocp-Apim-Subscription-Key and then

- The keys are like root keys! With access to everything within cognitive services, so it is best to keep them safe and use only one.
The reason azure gives you 2 keys is that when you need to rotate you simply migrate to the second key then you create another key which the second will be the first and the new will be the second

- Functionalities in computer vision:
- Describe
- Tag
- Get thumbnail
- Analyze
- Get Area of interest