

Microsoft Azure Cognitive Services Face API

INTRODUCTION



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Postman

File Edit View Help

New Import Runner + Face API - Pluralsight IN SYNC

{{base-url}}/detect Face Dev

POST {{base-url}}/detect?returnFaceAttributes=age,gender,smile,glasses,emotion,facialHa... Params Send Save

Authorization Headers (2) Body Pre-request Script Tests Cookies Code

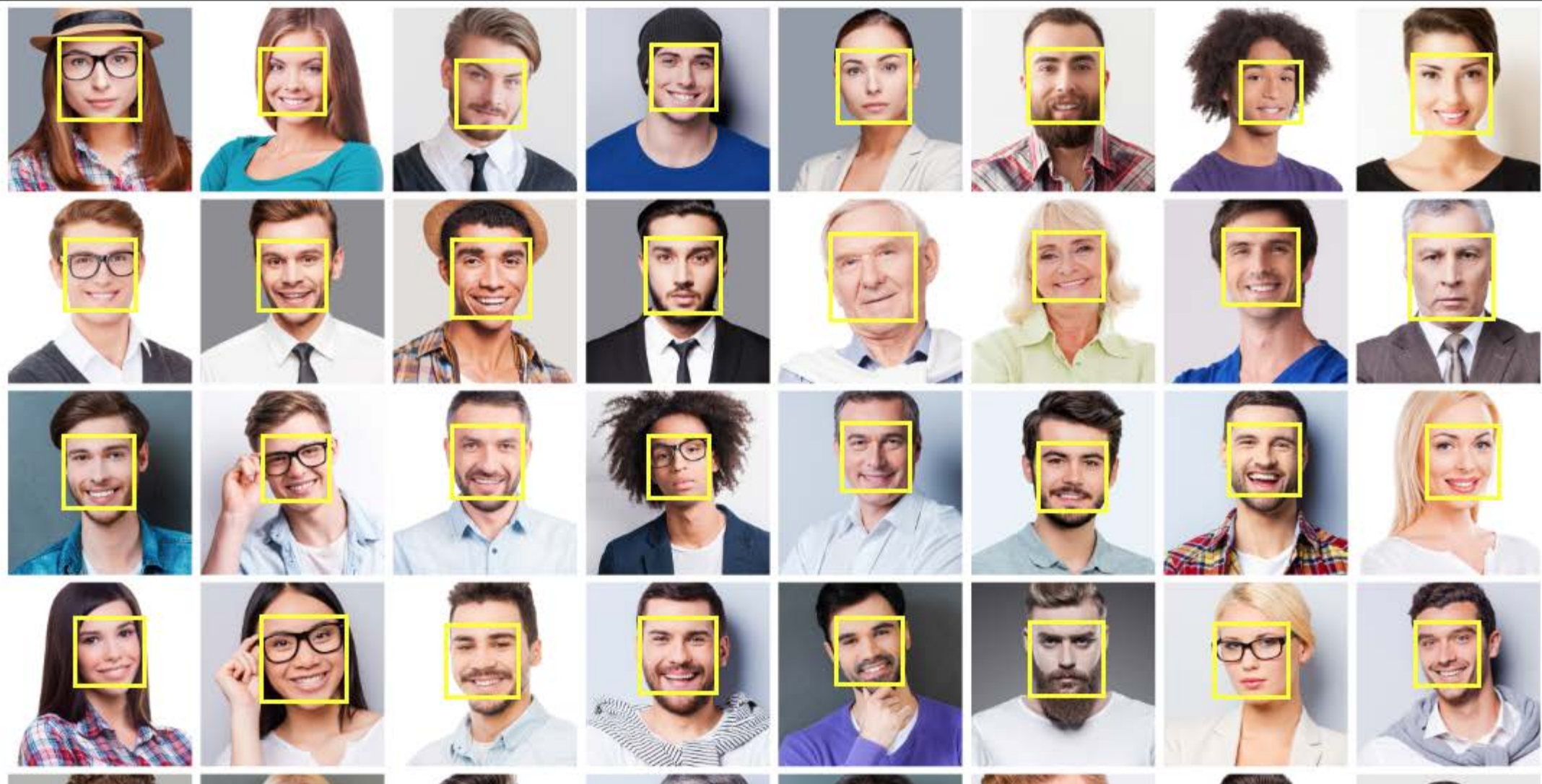
	Key	Value	Description	...	Bulk Edit	Presets
<input checked="" type="checkbox"/>	Ocp-Apim-Subscription-Key	{{face-api-key}}				
<input checked="" type="checkbox"/>	Content-Type	application/json				
	New key	Value	Description			

Body Cookies Headers (11) Test Results (2/2) Status: 200 OK Time: 2515 ms Size: 14.76 KB

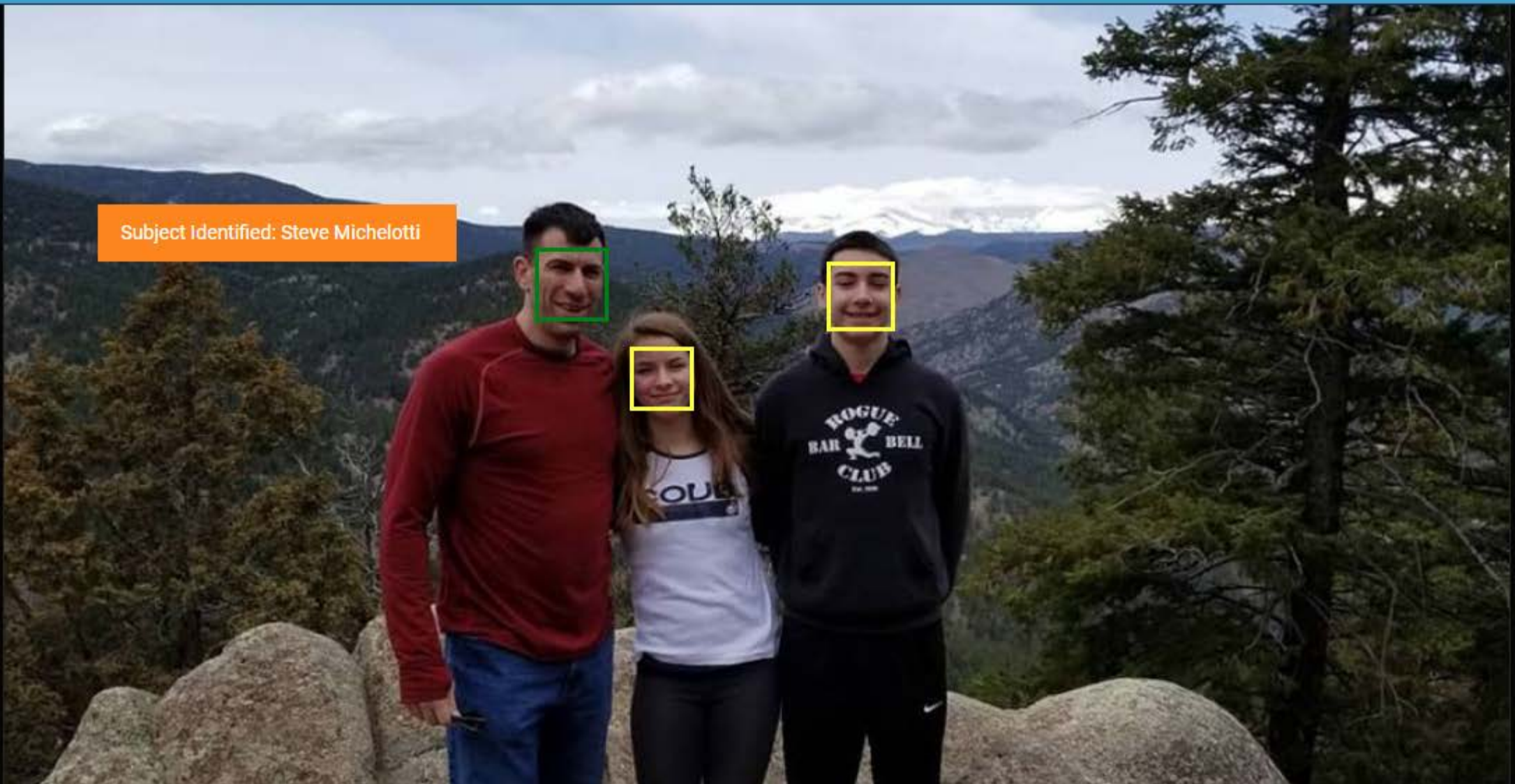
Pretty Raw Preview JSON

```
18 },
19 "glasses": "NoGlasses",
20 "emotion": {
21   "anger": 0,
22   "contempt": 0,
23   "disgust": 0,
24   "fear": 0,
25   "happiness": 1,
26   "neutral": 0,
27   "sadness": 0,
28   "surprise": 0
29 }
30 }
```





Subject Identified: Steve Michelotti



Course Overview



Introduction

Getting Started with the Face API

Face Detection

Face Identification Workflow

Face API Explorer and Face Analysis



Microsoft AI Stack – The Big Picture

Azure AI Services

Pre-Built AI

Cognitive Services

Conversational AI

Bot Service

Custom AI

Azure ML, HDInsight, Databricks

Tools

Coding/Management Tools

VS Tools
for AI

Azure ML
Studio

Azure ML
WB

Azure Infrastructure

AI on Data

Cosmos
DB

SQL DB

SQL
DW

Data
Lake

AI Compute

Spark

DSVM

Batch
AI

IoT
Edge

CPU, FPGA, GPU

Deep Learning Frameworks

Cognitive
Toolkit

Tensorflow

Caffe

Cognitive Services

Vision

Speech

Language

Knowledge

Search



Vision

Face

Computer Vision

Content Moderator

Video Indexer



Speech

Translator Speech

Speaker Recognition

Speech



Language

Bing Spell Check

Translator Text

Text Analytics



Knowledge

QnA Maker



Search

Bing Autosuggest

Bing Image Search

Bing News Search

Bing Video Search

Bing Web Search

Bing Entity Search



What is the Face API?



Simple HTTP Web API



Face API Features

Detection

Identification

Verification

Grouping

Find Similar



Summary



Course Overview

Microsoft AI Stack – The Big Picture

What is the Face API?

App We'll Be Using

