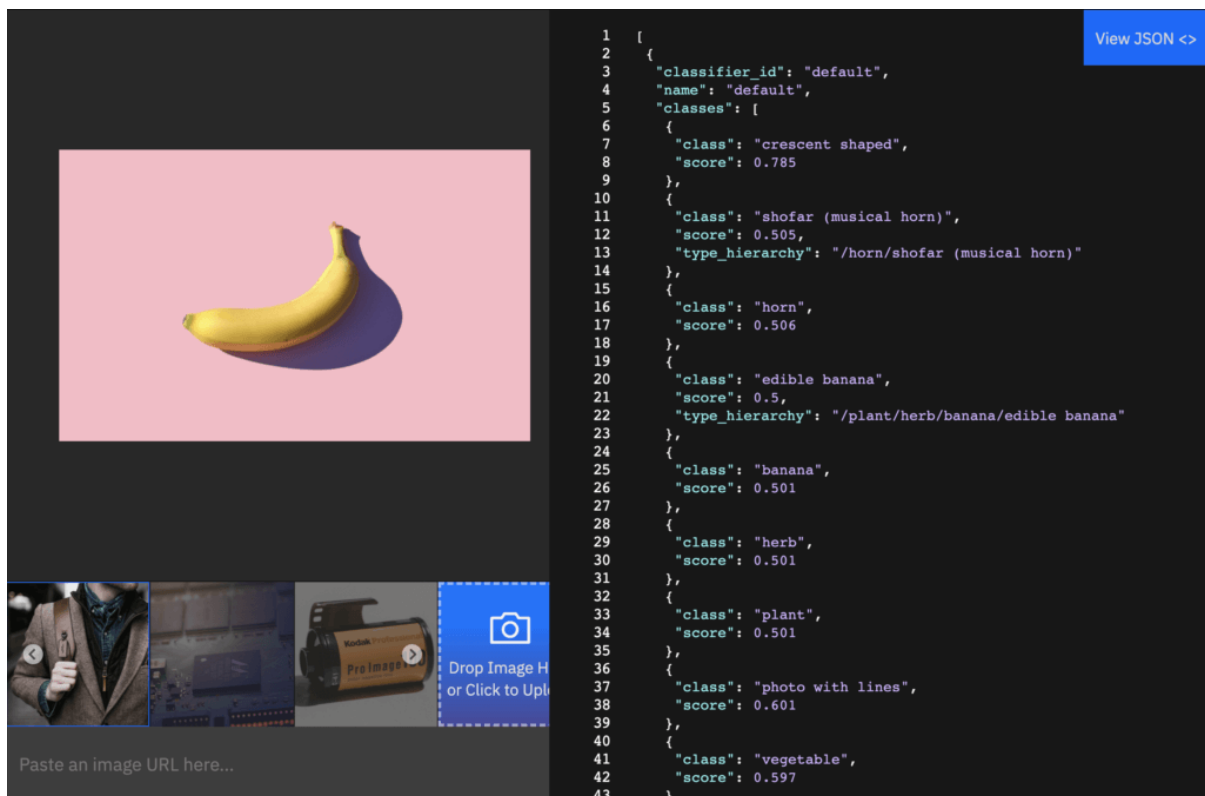


## Third Party API

### IBM Watson Visual Recognition

IBM's Watson Visual Recognition API combines an image recognition API with the power of machine learning. Users can build, train, and test custom machine learning models, either in or outside of Watson Studio.

It comes with several pre-trained object detection models. These include the General Model, which provides a classification for thousands of predefined objects. The Explicit Model detects inappropriate content. **The Food Model** recognizes food objects in images. The Text Model recognizes text, similar to Amazon Recognition.



The screenshot displays the IBM Watson Visual Recognition API interface. On the left, a large image of a banana is shown against a pink background. Below it, there are three smaller thumbnail images: a person in a brown jacket, a circuit board, and a brown cardboard box labeled 'ProImage'. A blue button with a camera icon and the text 'Drop Image Here or Click to Upload' is positioned to the right of the thumbnails. Below the thumbnails, there is a text input field with the placeholder 'Paste an image URL here...'. On the right side of the interface, a JSON output is displayed, showing the results of the image recognition. The JSON is a list of objects, each representing a detected class with its score and type hierarchy. A 'View JSON <>' button is located at the top right of the JSON output area.

```
1  [
2  {
3    "classifier_id": "default",
4    "name": "default",
5    "classes": [
6      {
7        "class": "crescent shaped",
8        "score": 0.785
9      },
10     {
11       "class": "shofar (musical horn)",
12       "score": 0.505,
13       "type_hierarchy": "/horn/shofar (musical horn)"
14     },
15     {
16       "class": "horn",
17       "score": 0.506
18     },
19     {
20       "class": "edible banana",
21       "score": 0.5,
22       "type_hierarchy": "/plant/herb/banana/edible banana"
23     },
24     {
25       "class": "banana",
26       "score": 0.501
27     },
28     {
29       "class": "herb",
30       "score": 0.501
31     },
32     {
33       "class": "plant",
34       "score": 0.501
35     },
36     {
37       "class": "photo with lines",
38       "score": 0.601
39     },
40     {
41       "class": "vegetable",
42       "score": 0.597
43     }
44   ]
45 }
```