

In this hands-on exercise you will utilize IBM Watson Visual Recognition (VR) to upload and classify your images. Watson VR is a service that uses deep learning algorithms to identify objects, faces and other content in an image. Follow the steps below to complete this exercise.

NOTE: For learners working to get a certificate for this course (i.e. not auditing), please go through this exercise carefully and thoroughly it will be used for the graded assignment.

FYI: In order to complete this exercise you will be creating an IBM Cloud account and provisioning an instance for Watson Visual Recognition service. A credit card is NOT required to sign up for IBM Cloud Lite account and there is no charge associated in creating a Lite plan instance of the Watson VR service.

Step 1: Create an IBM Cloud Account

Click on the link below to create an IBM cloud account:

[Sign Up for IBM Watson Visual Recognition on IBM Cloud](#)

On the page to which you get redirected by clicking on the link above, enter your **email address, first name, last name, country or region**, and set your **password**.

NOTE: To get enhanced benefits, please sign up with your business or corporate **email address** rather than a free email ID like Gmail, Hotmail, etc.

If you would like IBM to contact you for any changes to services or new offerings, then check the box to accept the box to get notified by email. Then click on the Create Account button to create your IBM Cloud account.

**If you already have an IBM Cloud account you can just log in using the link above the Email field (top right in the screenshot below).



Sign up for an IBMid and create your IBM Cloud account

Build on IBM Cloud for free with no time restrictions

Guaranteed free development with Lite plans

Develop worry-free and at no cost with cap based Lite plan services for as long as you like.

Start on your projects right away

Skip entering your credit card info and get working in just a few short steps.

Get a \$200 credit when you upgrade

After you upgrade to a Pay-As-You-Go account, you can use the credit to try new services or scale your projects. The credit is valid for 1 month and can be used with any of our IBM Cloud offerings.

Ready to get started? Sign up today!

Already have an IBM Cloud account? [Log in](#)

Email*

yourname@mail.com

First Name*

your_firstname

Last Name*

your_lastname

Country or Region*

Canada

Password*



IBM may use my contact data to keep me informed of products, services and offerings:

by email.

You can withdraw your marketing consent at any time by sending an email to netsupp@us.ibm.com. Also you may unsubscribe from receiving marketing emails by clicking the unsubscribe link in each such email.

More information on our processing can be found in the [IBM Privacy Statement](#). By submitting this form, I acknowledge that I have read and understand the IBM Privacy Statement.

I accept the product [Terms and Conditions](#) of this registration form.

[Create Account](#)



Step 2: Confirm Your Email Address

An email is sent to your email address to confirm your account.



Thanks!

To complete your registration, check your email.

Can't find the email? [Resend](#)

Go to your email account, and click on the "**Confirm Account**" link in the email that was sent to you.

Hello your_firstname,

Thank you for signing up for
IBM Cloud! Confirm your
account to get started.

[Confirm Account](#)

By confirming your account, you accept the [Terms of Use](#)

Welcome and happy building!

—
Thank you,

IBM Cloud

Step 3: Login to Your Account



Success!

You successfully signed up for an IBM Cloud account and it is now activated.

[Log in](#)

When you click [Log in](#), you will be redirected to a page to log into your IBM Cloud account.

Log in to IBM

Don't have an IBMid?

[Create an account](#)

[Log in with your company credentials \(SSO\)](#)

Need help? [Contact the IBM Help Desk](#)

IBMid

[Forgot IBMid?](#)

yourname@mail.com

Password

[Forgot password?](#)

.....



Remember me [\(i\)](#)

[Log in](#)

Step 4: Create a New Resource

On your dashboard page, click on the **Create a resource** on the top right to create a new source.

The screenshot shows the IBM Cloud Dashboard. At the top right, there is a blue button labeled "Create resource" which is highlighted with a red box. The dashboard has several sections: "Resource summary", "Planned maintenance", "Location status", "Apps", "Support cases", "Usage", "User access", "Learn", "Kubernetes clusters", and "Recommended offerings". Each section contains some text and small icons. The "Create resource" button is located at the top right of the dashboard area.

Step 5: Create a Watson Studio Resource

On the **Catalog** page, select the **AI** category from the left pane, and then select the **Watson Studio** resource.

The screenshot shows the IBM Cloud Catalog page. On the left, there is a sidebar with a "Filter" button and a list of categories. The "AI (15)" category is selected and highlighted with a red box. The main area displays a grid of Watson services. The "Watson Studio" service is highlighted with a red box. Other visible services include Watson Assistant, Compare and Comply, Discovery, Knowledge Catalog, Language Translator, Machine Learning, Natural Language Understanding, Personality Insights, Speech to Text, Text to Speech, Visual Recognition, Watson OpenScale, and Tone Analyzer.

On the next page, you will get to name your service instance and choose your region. Click on the arrow to reveal the drop-down menu of regions. Make sure to select the region that is closest to you. Since I am located in Canada, then I am choosing **Dallas** as my region since it is the closest region to me.

Watson Studio democratizes machine learning and deep learning to accelerate infusion of AI in your business to drive innovation. Watson Studio provides a suite of tools and a collaborative environment for data scientists, developers and domain experts.

[View Docs](#) [Terms](#)

AUTHOR IBM
PUBLISHED 01/31/2019
TYPE Service

Service name:

Choose a region/location to deploy in:

Select a resource group:

Tags:

Features

- Use what you know, learn what you don't

Start from a tutorial, start from a sample, or start from scratch. Tap into the power of the best of open source (RStudio, Jupyter Notebooks) and Watson services for flexible model creation. Use Python, R, or Scala. Stop downloading and configuring analysis environments and start getting insights.
- Be a founding member

Take advantage of shared data sets, notebooks, models, and tutorials. Share your work with your team and your peers across job roles. Join a vibrant community of data scientists, developers, and domain experts
- Power on demand

Enterprise-scale features on demand. From data exploration and preparation, to enterprise-scale performance. Manage your data, your analytical assets, and your projects in a secured cloud environment.
- Collaborate for better outcomes

Work with your peers on projects to find better solutions together. Share your knowledge and your work easily with visualizations and code - and help fuel the advancement of data science and AI for all.

Need Help?
[Contact IBM Cloud Support](#)

[Add to estimate](#) [Create](#)

Then scroll down and make sure that the **lite** plan is selected, and click the **Create** button.

PLAN	FEATURES	PRICING
Lite	1 authorized user 50 capacity unit-hours monthly limit 1 free small compute environment with 1 vCPU and 4 GB RAM (does not require capacity unit-hours)	Free
Standard v1	1 authorized user + unlimited viewer collaborators 50 capacity unit-hours included monthly (additional capacity available) Unlimited elastic compute environments Capacity Type: 1 vCPU and 4 GB RAM = 0.5 capacity units required per hour Capacity Type: 2 vCPU and 8 GB RAM = 1 capacity units required per hour Capacity Type: 3 vCPU and 12 GB RAM = 1.5 capacity units required per hour Capacity Type: 4 vCPU and 16 GB RAM = 2 capacity units required per hour Capacity Type: 8 vCPU and 32 GB RAM = 4 capacity units required per hour Capacity Type: 16 vCPU and 64 GB RAM = 8 capacity units required per hour Capacity Type: Data Refinery Flow, Sampling and Profiling jobs = 6 capacity units required per hour (a minimum of 0.96 capacity unit hours is consumed each time this capacity type is initiated)	\$99.00 USD/Instance \$0.50 USD/Capacity Unit-Hour \$99.00 USD/Authorized User
Enterprise v2	5 authorized users + unlimited viewer collaborators 5,000 capacity unit-hours included monthly (additional capacity available) Unlimited elastic compute environments Capacity Type: 1 vCPU and 4 GB RAM = 0.5 capacity units required per hour Capacity Type: 2 vCPU and 8 GB RAM = 1 capacity units required per hour Capacity Type: 3 vCPU and 12 GB RAM = 1.5 capacity units required per hour Capacity Type: 4 vCPU and 16 GB RAM = 2 capacity units required per hour	Expand each section to view details

Monthly prices shown are for country or region: [United States](#)

Need Help?
[Contact IBM Cloud Support](#)

[Add to estimate](#) [Create](#)

On the next page, click the **Get Started** button to start using Watson Studio.

The screenshot shows the IBM Cloud interface for creating a Watson Studio instance. The top navigation bar includes 'IBM Cloud', a search bar, and links for Catalog, Docs, Support, Manage, and Alex Akison's Account. On the left, a sidebar shows 'Manage' and 'Plan' options. The main content area displays a 'Watson Studio-v6' resource with a purple icon of a person working at a computer. Below the icon, the text 'Watson Studio' is centered. A message says 'Welcome to Watson Studio. Let's get started!' with a red-bordered 'Get Started' button. To the left is a 'Documentation' section with a link to 'From getting started to how to's — see what's available.' To the right is a 'Community' section with a link to 'Check out our tutorials, articles, along with sample notebooks and data sets you can use to get going.' A small blue arrow points left at the bottom left.

This will start provisioning your Watson Studio instance.

The screenshot shows the IBM Watson Studio interface after provisioning. The top navigation bar includes 'IBM Watson Studio', a bell icon, 'No account selected', and a settings icon. The main content area features a 'Done!' message with a checkmark icon, stating 'Your Watson apps are ready to use.' with a 'Get Started' button below it. A 'Cookie Preferences' link is visible at the bottom right.

Once the provisioning process is complete, click the **Catalog** button.

IBM Cloud Search resources and offerings... Catalog Docs Support Manage yileng yao's Account

Manage Plan

Resource list / Watson Studio-8e Resource group: Default Location: Dallas Add Tags

Welcome to Watson Studio. Let's get started!

[Get Started](#)

Documentation
From getting started to how to's — see what's available.

Community
Check out our tutorials, articles, along with sample notebooks and data sets you can use to get going.

Step 6: Create a Project

To create a Watson Visual Recognition instance, click on **AI** on the left sidebar and then click on **Visual Recognition**.

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Yi leng Yao's Account

Try the best of the Catalog for free with no time restrictions with Lite plans.
The Lite filter is enabled. Remove the filter to see the full Catalog.

label:lite Filter FEEDBACK

All Categories (58)

- VPC Infrastructure
- Compute (10)
- Containers (1)
- Networking
- Storage (1)
- AI (15)** >
- Analytics (4)
- Databases (3)
- Developer Tools (7)
- Integration (4)
- Internet of Things (1)
- Security and Identity (2)
- Starter Kits (2)
- Web and Mobile (2)
- Web and Application (6)

Discovery Lite • IBM • IAM-enabled Add a cognitive search and content analytics engine to applications.	Knowledge Catalog Lite • IBM • IAM-enabled Discover, catalog, and securely share enterprise data.	Knowledge Studio Lite • IBM • IAM-enabled Teach Watson the language of your domain.
Language Translator Lite • IBM • IAM-enabled Translate text, documents, and websites from one language to another. Create industry or region-specific translations via the service's customization capability.	Machine Learning Lite • IBM • IAM-enabled IBM Watson Machine Learning - make smarter decisions, solve tough problems, and improve user outcomes.	Natural Language Understanding Lite • IBM • IAM-enabled Analyze text to extract meta-data from content such as concepts, entities, emotion, relations, sentiment and more.
Personality Insights Lite • IBM • IAM-enabled The Watson Personality Insights derives insights from transactional and social media data to identify psychological traits.	Speech to Text Lite • IBM • IAM-enabled Low-latency, streaming transcription	Text to Speech Lite • IBM • IAM-enabled Synthesizes natural-sounding speech from text.
Tone Analyzer Lite • IBM • IAM-enabled Tone Analyzer uses linguistic analysis to detect three types of tones from communications: emotion, social, and language. This insight can then be used to drive...	Visual Recognition Lite • IBM • IAM-enabled Find meaning in visual content! Analyze images for scenes, objects, faces, and other content. Choose a default model off the shelf, or create your own custo...	Watson OpenScale Lite • IBM • IAM-enabled IBM Watson OpenScale is an enterprise-grade environment for AI infused applications that provides enterprises with visibility into how AI is being built...

Select the **Lite** plan and then click **Create**.

The screenshot shows the IBM Cloud Pricing Plans page for the Visual Recognition service. At the top, there's a search bar and navigation links for Catalog, Docs, Support, Manage, and Account. Below the search bar, the title 'Features' is displayed. Under 'Features', there are four sections: 'General Model', 'Custom Model', 'Face Model', and 'Food Model'. Each section has a brief description. To the right, there's a 'Feedback' button. Below the features, the title 'Pricing Plans' is shown, followed by a note that monthly prices are for United States. A table compares the 'Lite' and 'Standard' plans across three columns: PLAN, FEATURES, and PRICING.

PLAN	FEATURES	PRICING
Lite	<p>1,000 Events per month towards:</p> <ul style="list-style-type: none">Pre-trained model classification (General, Face, Food, Explicit) (images)Custom Model classification (images)Custom Model training (images)2 Custom Models1 Lite Plan instance per IBM Cloud OrganizationFree Exports to Core ML <p>The Lite Plan gets you started with 1,000 events (images) per month and the ability to train two Custom Models. Users wishing to use more premium features or increase usage must upgrade to a Standard Plan or a Subscription Plan.</p> <p>Lite plan services are deleted after 30 days of inactivity.</p>	Free
Standard	<p>Image Tagging Events Pay per Use</p> <ul style="list-style-type: none">Face Detection Events Pay per UseTraining Events Pay per UseCustom Tagging Events Pay per UseFood Tagging Events Pay per UseExplicit Tagging Events Pay per Use	\$0.002 USD/General Tagging Event \$0.004 USD/Facial Recognition Event \$0.10 USD/Training Events \$0.002 USD/Custom Tagging Events \$0.002 USD/Food Tagging Events \$0.002 USD/Explicit

At the bottom left, there's a 'Need Help?' link and a 'Contact IBM Cloud Support' button. On the right, there are 'Add to estimate' and 'Create' buttons. A blue message bubble icon is also present.

Then click on **Launch Watson Studio**.

The screenshot shows the Visual Recognition resource details page in Watson Studio. The left sidebar has a 'Manage' section with 'Getting started', 'Service credentials', 'Plan', and 'Connections'. The main area shows the resource name 'Visual Recognition-y5' and its location 'Dallas'. It includes a 'Resource group: Default' and 'Add Tags' button. Below this, there's a 'Get started with the service.' section with 'Launch Watson Studio', 'Getting started tutorial', and 'API reference' buttons. To the right, it shows 'Plan: Lite' and 'Upgrade' options. Further down, there's a 'Credentials' section with 'API Key:' and 'URL:' fields, each with a download icon. The URL field contains the value <https://gateway.watsonplatform.net/visual-recognition/api>.

Then under **Classify Images** click **Create Model**.

The screenshot shows the IBM Watson Studio interface for the Visual Recognition service. The top navigation bar includes 'IBM Watson Studio', 'Services / Watson Services / Visual Recognition-y5', and an 'Upgrade' button. Below the navigation is the title 'Visual Recognition : Visual Recognition-y5' and the associated project 'Fashion_Projects'. The main content area is divided into several sections:

- Classify Images**: Describes creating customized visual classifiers. A red box highlights the 'Create Model +' button.
- Detect Objects**: Described as 'PRIVATE BETA'. It allows building custom image classifiers to detect objects within images using coordinates. A 'Request Access' button is shown.
- General**: Provides class keywords for images. Includes a 'Copy classifier ID' link and a 'Test' button.
- Faces**: Detects human faces. Includes a 'Copy classifier ID' link and a 'Test' button.
- Food**: Utilizes a specialized vocabulary of over 2000 foods. Includes a 'Copy classifier ID' link and a 'Test' button.
- Explicit**: Assess objectionable or adult content. Includes a 'Copy classifier ID' link and a 'Test' button.
- Text**: Described as 'PRIVATE BETA'. Automatically detects and extracts words from images. Includes a 'Copy classifier ID' link and a 'Test' button.

Step 7: Setting up Your Project

Now let's fill in some project details and click **Create**. The IBM Cloud Object Storage, which provides you storage for your images, should be automatically created for you.

New project

Create a project for your custom model. A project is how you organize your resources to work with data and share assets with collaborators.

Define project details

Name

Fashion_Project

85

Description

This project is about using Watson Visual Recognition to identify what style of clothing is in an image. Given an image, Watson Visual Recognition will identify different articles of clothing, types of headwear, or style of footwear is in the image.

2751

Choose project options

Restrict who can be a collaborator



Project will include integration with [Cloud Object Storage](#) for storing project assets and [Watson Visual Recognition](#) for model training and deployment.

Additional tools and services can be added in Project Settings after project creation.

Storage

cloud-object-storage-dsx

Watson Visual Recognition

watson-vision-combined-dsx

Cancel

Create

Step 8: Selecting Built-in Models for Watson Visual Recognition

After creating your project, by default, you will land on the page where you can create your own custom models to classify objects -- but let's skip this step. Instead, let's use some existing image classification models that Watson Visual Recognition comes with by default!

To access the built-in models, click on the name of the service, as seen in the red box below:

The screenshot shows the Watson Visual Recognition interface for a 'Default Custom Model' in a 'Fashion_Project'. The 'Associated Service' dropdown is highlighted with a red box and set to 'watson-vision-combined-dsx'. The interface includes a 'Train Model' button, a warning message 'At least 2 classes required', and sections for 'My classes (1)' and 'All images (0)'. A search bar for 'Search classes' is also present. On the right, there are two sections: '1. Upload to project' (with a 'Browse' button) and '2. Add from project' (which is currently empty). The bottom status bar indicates '1 class | 0 incomplete classes | 0 unclassified images' and 'New training data size: 0.0/250 MB'.

Step 9: Choose the General model.

Now you can see all the built-in image classification models that IBM Watson provides! Let's try the **General** model.



Visual Recognition : watson-vision-combined-dsx

Associated project : Fashion_Project

Overview

Credentials

Custom

Create custom, unique visual classifiers. Use the service to recognize custom visual concepts that are not available with general model.

[Create Model +](#)

General

[Copy model ID](#)

Generate class keywords that describe the image. Use your own images, or extract relevant image URLs from publicly accessible webpages for analysis.

[Test](#)

Faces

[Copy model ID](#)

Detect human faces in the image. This service also provides a general indication of age range and gender of faces.

[Test](#)Food BETA[Copy model ID](#)

Utilize a specialized vocabulary of over 2000 foods to identify meals, food items, and dishes with enhanced accuracy.

[Test](#)Explicit BETA[Copy model ID](#)

Assess whether an image contains objectionable or adult content that may be unsuitable for general audiences.

[Test](#)Text PRIVATE BETA

Automatically detect and extract recognized words within natural scene images.

[Request Access](#)

Step 10: Try out the General model

To test the General model, click on **Test**.

General

Associated Service : watson-vision-combined-dsx

[Overview](#)

[Test](#)

[Implementation](#)

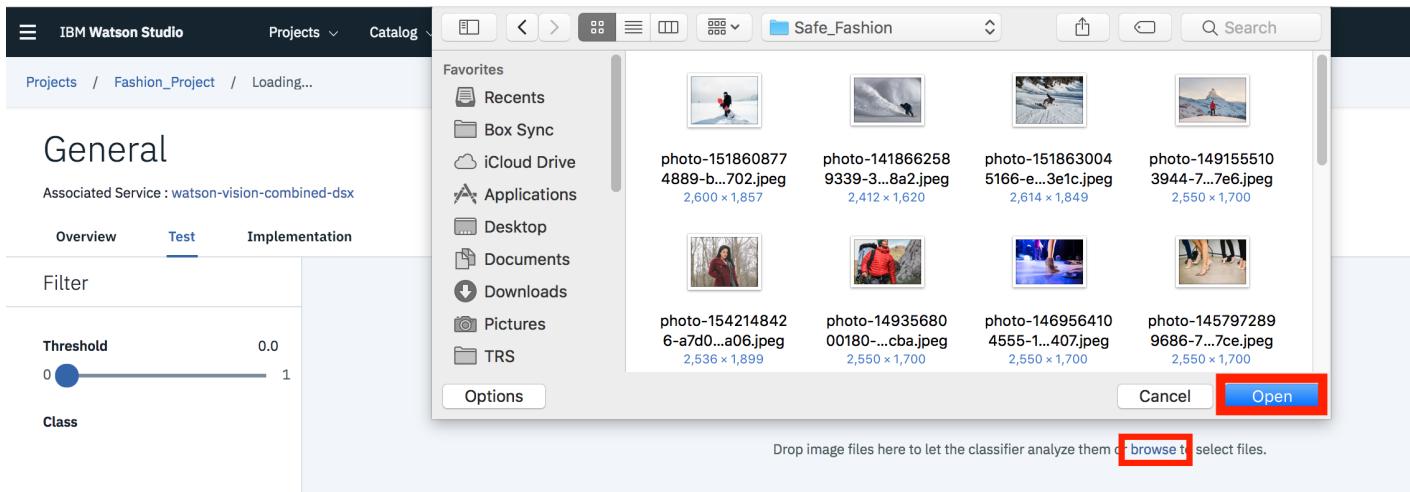
Summary

Search Summary

Model ID	default
Status	Ready
Explanation	Generate class keywords that describe the image. Use your own images, or extract relevant image URLs from publicly accessible webpages for analysis.

Step 11: Upload Your Images!

Now you can upload any images you'd like by clicking on **Browse**.



Step 12: Check Out the Results!

Once you have uploaded your images, Watson Studio Visual Recognition will tell you what it thinks it found in your images! Beside each class of object (or color, age, etc.), it will also give you a confidence score (between 0 and 1) on how confident it thinks it found that particular object in your image (0 for lowest confidence and 1 for highest confidence).

General

Associated Service : [watson-vision-combined-dsx](#)

Overview	Test	Implementation														
Filter	<input type="checkbox"/> Clear results															
Threshold	<input type="range" value="0.0"/>															
Class	<input type="checkbox"/> air jacket <input type="checkbox"/> alizarine red color <input type="checkbox"/> alp <input type="checkbox"/> animal <input type="checkbox"/> archery <input type="checkbox"/> arete (mountain ridgepline) <input type="checkbox"/> artist's model <input type="checkbox"/> ash grey color <input type="checkbox"/> athlete <input type="checkbox"/> athletic game <input type="checkbox"/> azurin color <input type="checkbox"/> backpacker <input type="checkbox"/> balancing <input type="checkbox"/> beige color <input type="checkbox"/> bottle green color <input type="checkbox"/> black color <input type="checkbox"/> blue color <input type="checkbox"/> boot <input type="checkbox"/> booth <input type="checkbox"/> bracelet <input type="checkbox"/> bottle green color <input type="checkbox"/> broadcloth (fabric) <input type="checkbox"/> building <input type="checkbox"/> business suit <input type="checkbox"/> canopy <input type="checkbox"/> charcoal color <input type="checkbox"/> child <input type="checkbox"/> claret red color <input type="checkbox"/> cleaning implement <input type="checkbox"/> climber <input type="checkbox"/> cloak <input type="checkbox"/> closet <input type="checkbox"/> clotheshorse <input type="checkbox"/> clothing <input type="checkbox"/> coal black color <input type="checkbox"/> coat <input type="checkbox"/> coating <input type="checkbox"/> contestant <input type="checkbox"/> cowboy boot <input type="checkbox"/> coat <input type="checkbox"/> coat <input type="checkbox"/> dark red color <input type="checkbox"/> descent <input type="checkbox"/> Downhill Skiing <input type="checkbox"/> emerald color <input type="checkbox"/> fabric <input type="checkbox"/> female offspring <input type="checkbox"/> footwear <input type="checkbox"/> framework <input type="checkbox"/> foot <input type="checkbox"/> garment <input type="checkbox"/> head <input type="checkbox"/> hood (head dress) <input type="checkbox"/> hood (jumping of person/animal) <input type="checkbox"/> icon <input type="checkbox"/> indigo red color <input type="checkbox"/> Indoor Skating Rink <input type="checkbox"/> indoors <input type="checkbox"/> jacket <input type="checkbox"/> kiss <input type="checkbox"/> lapel of coat <input type="checkbox"/> life preserver <input type="checkbox"/> light brown color <input type="checkbox"/> maroon color <input type="checkbox"/> musical instrument <input type="checkbox"/> natural elevation <input type="checkbox"/> nature <input type="checkbox"/> newstand <input type="checkbox"/> orange color <input type="checkbox"/> outerwear <input type="checkbox"/> overgarment <input type="checkbox"/> parka <input type="checkbox"/> parka <input type="checkbox"/> life preserver															
 photo-15193568000180-ca2fb70... Indian red color 0.90 traveler 0.77 pink color 0.91 building 0.72 verdigris (green coating) 0.63 person 0.77 retail store 0.73 coating 0.63 footwea... 0.60 sales booth 0.60 shelter 0.55 canopy 0.51 artist's model 0.50 newsstand 0.51 perse... 0.50																
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Step 13: You can even Filter Your Results

General

Associated Service : [watson-vision-combined-dsx](#)

[Overview](#) [Test](#) [Implementation](#)

Filter

Threshold 1

Class

- air jacket
- alizarine red color
- alp
- animal
- archery
- arete (mountain ridgeline)
- artist's model
- ash grey color
- athlete
- athletic game
- azure color
- backpacker
- balancing
- beige color
- black color
- blue color
- boot
- booth
- bootlace
- bottle green color
- broadcloth (fabric)
- building
- business suit
- canopy
- charcoal color
- child
- claret red color
- cleaning implement
- climber
- cloak
- closet
- clotheshorse
- clothing
- coal black color
- coat
- coating
- contestant

[Clear results](#)

Image	Label	Score	Image	Label	Score	Image	Label	Score
	garment	0.74		maroon color	0.98		Indian red color	0.90
	overgarment	0.73		overgarment	0.84		traveler	0.77
	coat	0.73		garment	0.84		person	0.77
	pea jacket	0.72		coat	0.82		backpacker	0.77
	gray color	0.70		clothing	0.80		clothing	0.60
	charcoal color	0.65		fabric	0.80		orange color	0.55
	clothing	0.60		pea jacket	0.57		waterproof	0.53
	hop (jumping of person/animal)	0.50		coating	0.56		fabric	0.53
	sport	0.50		sheepskin coat	0.54		life preserver	0.51
				raincoat	0.53		rescue equipment	0.51
				outerwear	0.52		overgarment	0.51
				trench coat	0.51		garment	0.51
				jacket	0.50		air jacket	0.51
				wrapping	0.50		coat	0.51
							parka	0.50

Step 14: Save a screen shot

NOTE: This step is Optional for those Auditing the course. The screenshot saved in this step will be required as part of the Graded Final Assignment for those pursuing a certificate for this course.

From Steps 12 or 13 choose just one of the images that **you** uploaded that does not have too many objects. Take and save a screenshot in .jpeg or .jpg format including the Watson Visual Recognition confidence scores (that are indicated below the image). Ensure the labels and confidence scores below the picture are readable. See a sample screenshot below.

photo-1535043934128-cf0b28d...



footwear	0.96
pump	0.96
shoe	0.96
spectator pump	0.91
light brown color	0.74
beige color	0.50

Step 15: Share Your Results!

Follow us on Twitter and send us some of your funniest and most interesting results you found with IBM Watson Visual Recognition!

[Tweet](#)

I just learned how to use Artificial Intelligence to classify images with [@IBMWatson](#) in this Introduction to AI course by [@ravahuja](#) on Coursera - <https://www.coursera.org/learn/introduction-to-ai> - <https://www.coursera.org/learn/introduction-to-ai>



[Click here to share the above Tweet.](#)

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