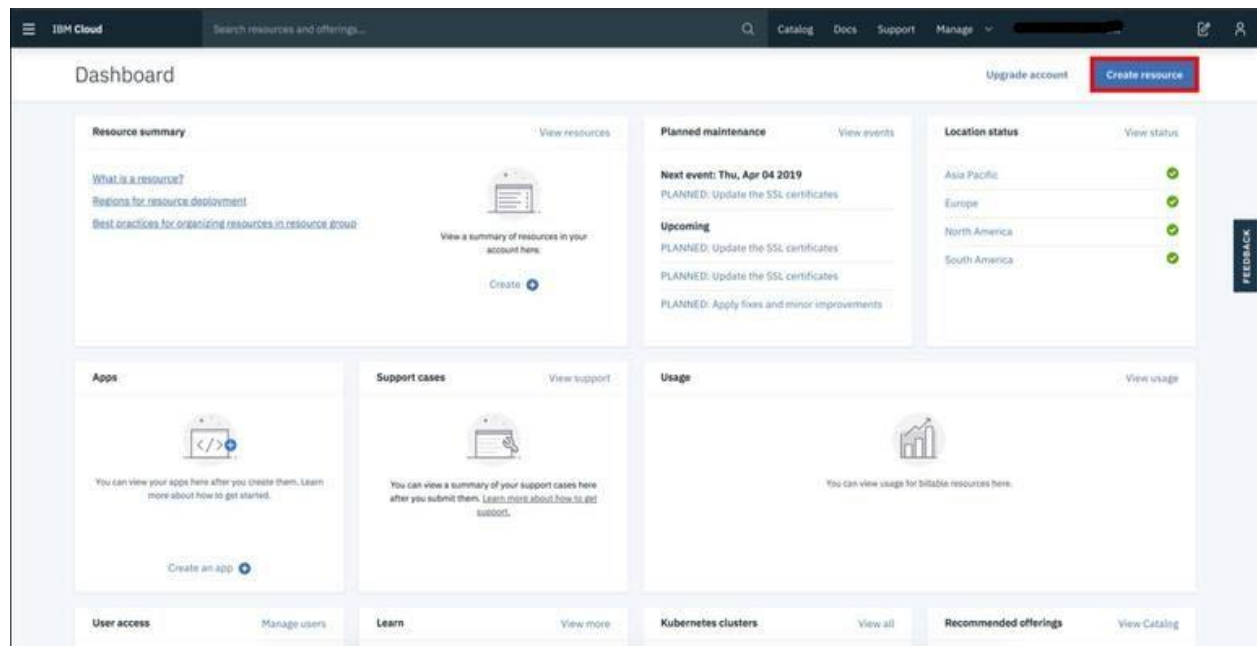


PHASE 4: IMAGE REGONITION WITH IBM CLOUD USING WATSON STUDIO

IBM WATSON STUDIO

Image recognition using IBM Cloud involves leveraging IBM's AI and cloud services to analyze and interpret visual content in images. IBM offers tools like Watson Visual Recognition, which utilizes deep learning algorithms to classify and tag images, making it easier to search and analyze visual data. This technology can be applied in various industries, including healthcare, retail, and security, to automate tasks, identify objects, and gain valuable insights from images.



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Integration (4)

Internet of Things (1)

Security and Identity (2)

Starter Kits (2)

Web and Mobile (2)

Web and Application (5)

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 high...

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 custom classifier. Devel...

Voice Agent with Watson

Lite • IBM • IAM-enabled

Create a cognitive voice agent that uses Watson services to speak directly with customers using natural language over the telephone

Watson OpenScale

Lite • IBM • IAM-enabled

IBM Watson OpenScale is an enterprise-grade environment for AI infused applications that provides

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Visual Recognition

Like IBM

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 custom classifier. Develop smart applications that analyze the visual content of images or video frames to understand what is happening in a scene.

[View Data](#)
[View API Docs](#)
[Items](#)

AUTHOR IBM
 PUBLISHED 01/22/2019
 TYPE Service

Service name:

Visual_Recognition-v3

Choose a region/location to deploy in:

Default

Select a resource group:

Default

Tags

Example: env:dev, version:1

Features

- General Model**
Generate short keywords that describe the image, use your own images, or extract relevant image URLs from publicly accessible webpages for analysis.
- Custom Model**
Create custom, unique visual classifiers. Use the service to recognize custom visual concepts that are not available with general model.
- Face Model**
Detect human faces in the image. This service also provides a general indication of age range and gender of faces.
- Food Model**
Utilize a specialized vocabulary of over 2,000 foods to identify meals, food items, and dishes with enhanced accuracy.
- Explicit Model**
Assess whether an image contains objectionable or adult content that may be unsuitable for general audiences.
- Text Model (Private Beta*)**
Automatically detect and extract recognized words within natural scene images. *Private Beta is an invite-only program. Customers must have a Standard Plan to be eligible to use Private Beta features. To request access to the Text Model, Private Beta, email: ibmcloud-requests-text

Pricing Plans

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

PLAN	FEATURES	PRICING
✓ Like	1,000 events per month towards: Pre-trained model classification (General, Face, Food, Explicit (Images)) Custom Model classification (Images) Custom Model training (Images) 2 Custom Models 1 GB API access per IBM Cloud region used Free Exports to CSV/JSON	Free
Standard	Image Tagging Events Pay per Use Face Detection Events Pay per Use	\$2,000 USD/General Tagging Event \$8,000 USD/Facial Recognition

The like 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.

Like plan services are deleted after 30 days of inactivity.

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

[Add to estimate](#)
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Resource list

Watson Studio-wt

Resource group: Default Location: [Add Tags](#)

Watson Studio

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.

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AI


**Watson Assistant**
Lite • IBM • IAM-enabled
Watson Assistant lets you build conversational interfaces into any application, device, or channel.


**Watson Studio**
Lite • IBM • IAM-enabled
Embed AI and machine learning into your business. Create custom models using your own data.


**Compare and Comply**
Lite • IBM • IAM-enabled
Process governing documents to convert, identify, classify, and compare important elements.


**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.

FEEDBACK


IBM Watson Studio

Upgrade

Back


Create a project

Choose whether to create an empty project or to pre-load your project with data and analytical assets. Add collaborators and data, and then choose the right tools to accomplish your goals. Add services as necessary.



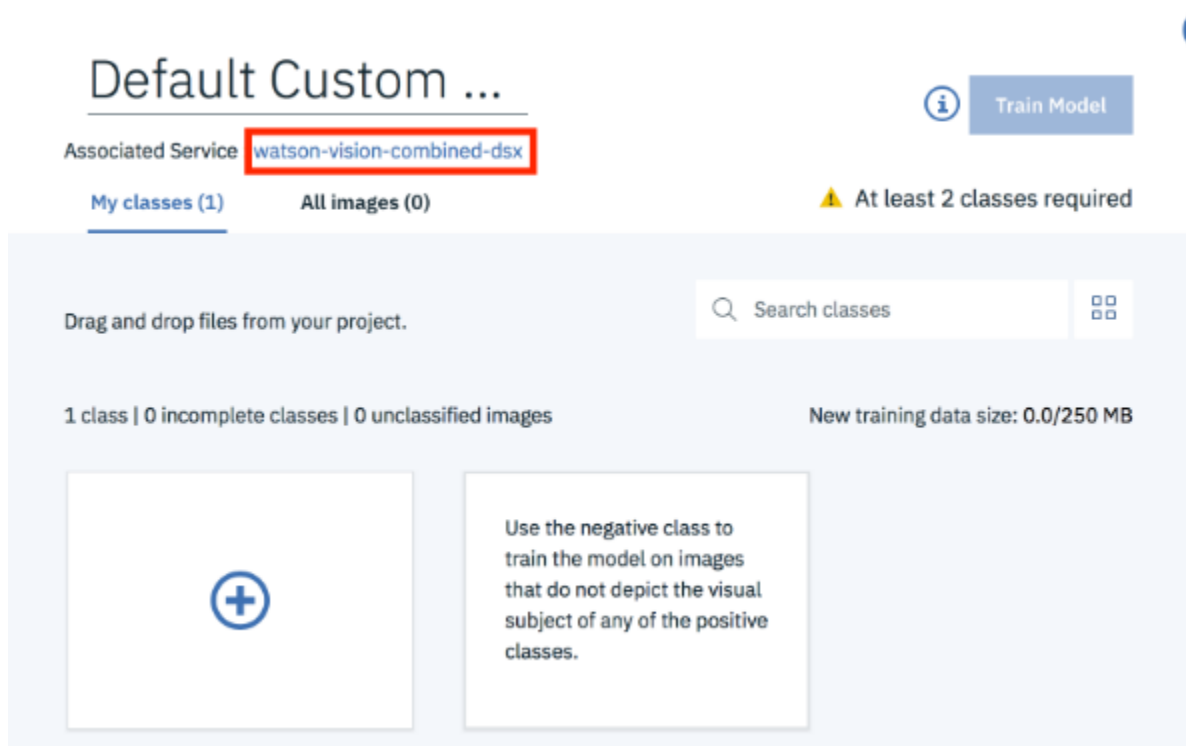
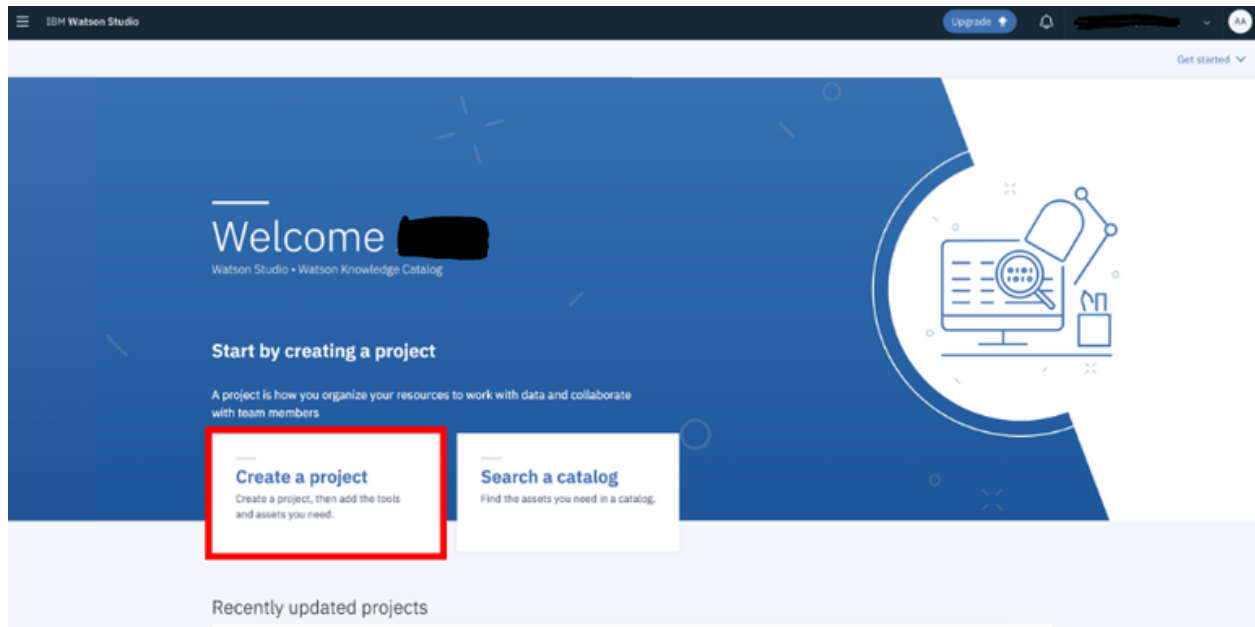
Create an empty project
Add the data you want to explore, analyze, or model. Choose tools based on how you want to work: write code, create a flow on a graphical canvas, or automatically build models.
NEW AutoAI experiment tool: Fully automated approach to building a classification model.

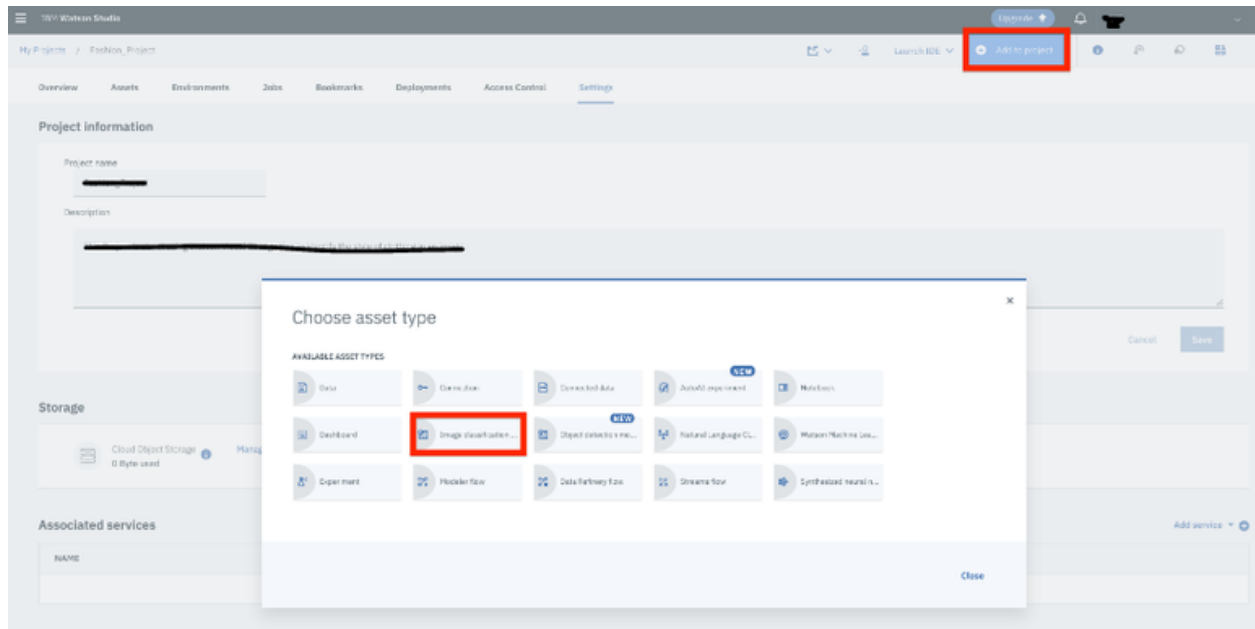
USE TO
Prepare and visualize data
Analyze data in notebooks
Train models



Create a project from a sample or file
Get started fast by loading existing assets. Choose a project file from your system, or choose a curated sample project.

USE TO
Learn by example
Build on existing work
Run notebooks





General

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

[Overview](#)

Test

[Implementation](#)



gray color	0.89
vehicle	0.86
system	0.78
warplane	0.70
military vehicle	0.70
craft	0.70
aircraft	0.70
bomber (aircraft)	0.67
airplane	0.66
propjet	0.55
nosewheel	0.50
wheel	0.50
machine	0.50
mechanical device	0.50
ash grey color	0.50



supporting structure	0.77
framework	0.71
gantry (steel bridge)	0.70
gray color	0.69
equipment	0.60
girder (beam)	0.56
support	0.56
yellow color	0.54
structure	0.50



ultramarine color	0.92
refinery	0.82
equipment	0.80
nature	0.80
blue color	0.69
oil refinery	0.58
drill rig	0.53