

AI technology in *Machine Learning for Kids* is provided by Watson services in IBM Cloud.

This means you need to create an IBM Cloud account and create some Watson services to add to your *Machine Learning for Kids* class.

Creating an IBM Cloud account is free.

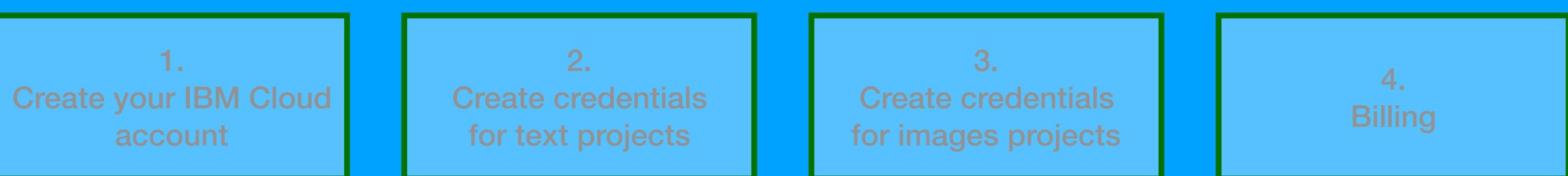
Creating “**Lite Plan**” Watson services is **free**, but have restrictions on the number of machine learning models you can create with them.

Creating “Standard Plan” Watson services increases these restrictions.

If you work for a school, you can request a “Promo Code” that lets you **create Standard Plan services for free**.

If you don’t work for a school, you can sign up for \$200 credit and pay per use after that.

This document gives you step-by-step instructions for how to do all of this.



Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:03

IBM Cloud

https://cloud.ibm.com/login

Welcome to IBM Cloud

Start building immediately using 190+ unique services.

Create an IBM Cloud account

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 one month and can be used with any of our IBM Cloud offerings.

Learn more:

Pricing Catalog Docs Status

Follow us on

f t y u

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Log in to IBM Cloud

ID

IBMid

Remember me

Forgot ID?
Forgot password?

Continue

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Go to <https://cloud.ibm.com>

Click on
'Create an IBM Cloud account'

Chrome File Edit View History Bookmarks People Window Help

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Sign up for IBM Cloud

Incognito

https://cloud.ibm.com/registration

Build for free on IBM Cloud

Develop for free, no credit card required

Apps, AI, analytics, and more. Build with 40+ Lite plan services at no cost to you - ever.

Access the full catalog at your fingertips

Upgrade your account and unlock 190+ unique offerings, plus get a \$200 USD credit to use with any offering you want.

Learn more

[Pricing](#) [Catalog](#) [Docs](#)

Sign up for a free account at
IBM Cloud

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

Create an IBM Cloud Account

Email*



First Name*

Last Name*

Country or Region*

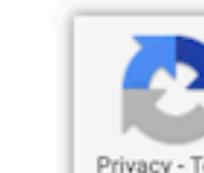
United Kingdom

Password*

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You can withdraw your marketing consent at any time by sending an email to



1.
Create your IBM Cloud
account

2.
Create credentials
for text projects

3.
Create credentials
for images projects

4.
Billing

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Sign up for IBM Cloud [+](#)

Incognito [...](#)

<https://cloud.ibm.com/registration>

Build for free

on IBM Cloud

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Apps, AI, analytics, and more. Build with 40+ Lite plan services at no cost to you - ever.

Access the full catalog at your fingertips

Upgrade your account and unlock 190+ unique offerings, plus get a \$200 USD credit to use with any offering you want.

Learn more

[Pricing](#) [Catalog](#) [Docs](#)

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

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

Create an IBM Cloud Account

Email* mlforkidsdoc@gmail.com ✓

First Name* Teacher ✓

Last Name* Demo ✓

Country or Region* United Kingdom ✓

Password* ✓

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

by email by telephone

You can withdraw your marketing consent at any time by sending an email to [Privacy - Terms](#)

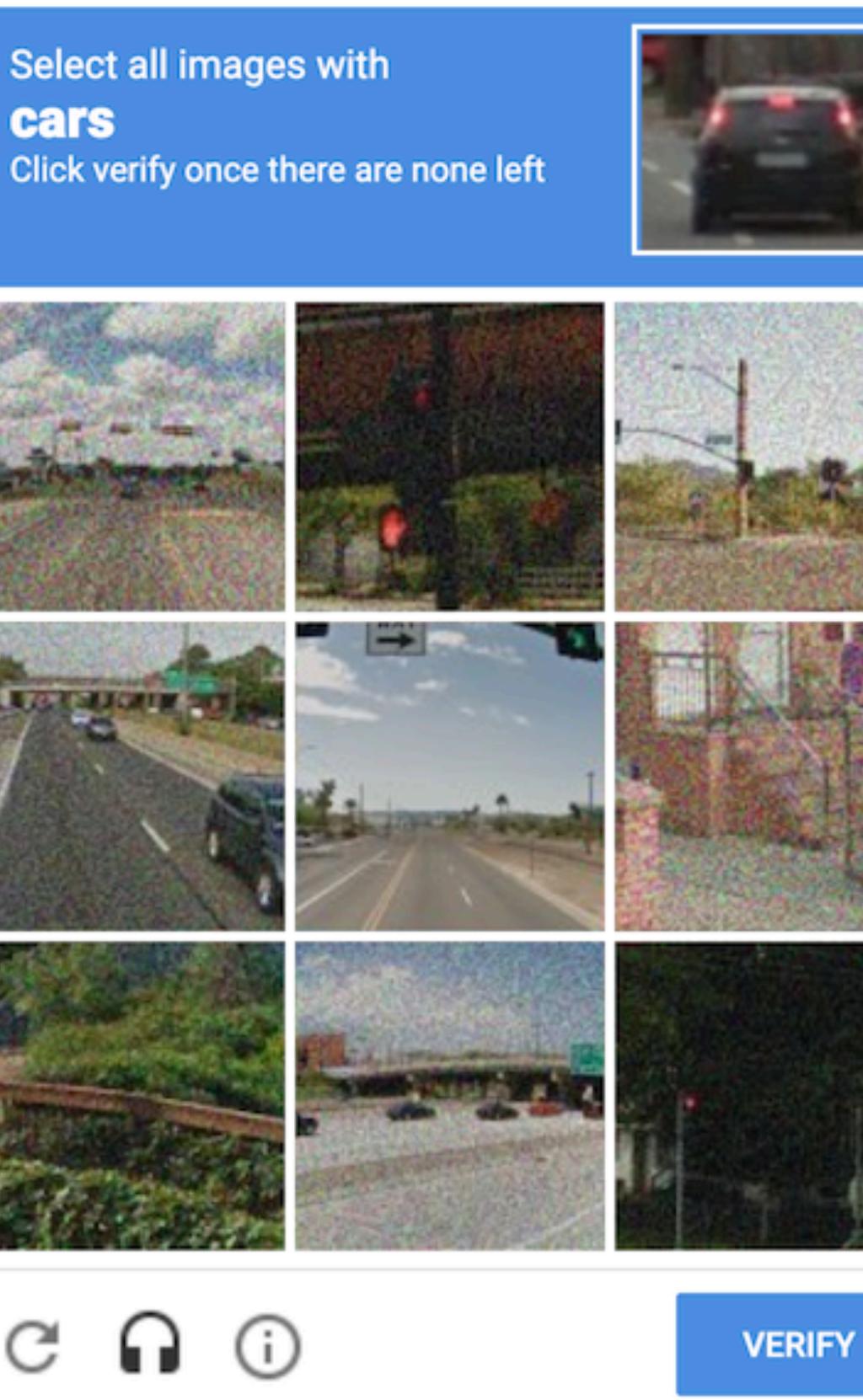
Fill in your contact details

Sign up for IBM Cloud x +

Incognito ...

Last Name* ✓
Demo

Select all images with cars
Click verify once there are none left



Build for free on IBM Cloud

Develop for free, no credit card required

Apps, AI, analytics, and more. Build with 40+ Lite plan services ever.

Access the full catalog at your fingertips

Upgrade your account and unlock 190+ unique offerings, plus to use with any offering you want.

Learn more

Pricing Catalog Docs

Privacy - Terms

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

You might be asked to prove that you are a human!

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:08

Sign up for IBM Cloud

https://cloud.ibm.com/registration/trial/success?uid=478b90306e454316a79378b78a0ef22b

Incognito

Cookie Preferences

 IBM Cloud

Thanks!

To complete your registration, check your email.

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

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

You've signed up.

Wait for the confirmation email.

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:09

Inbox (1) - mlforkidsdoc@gmail.com

https://mail.google.com/mail/#inbox

Gmail Search mail

Compose

Inbox 1 IBM Cloud

Action required: Confirm your IBM Cloud account - Hello Teacher, Thank you for signing up! 23:08

Starred Snoozed Sent Drafts More

ML for Kids +

0 GB (0%) of 15 GB used Manage

No recent chats Start a new one

Terms · Privacy · Programme Policies

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Your email should arrive within a minute.

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:10

Action required: Confirm your IBM Cloud account

https://mail.google.com/mail/#inbox/

Gmail Search mail

Compose

Inbox

Starred Snoozed Sent Drafts More

ML for Kids

No recent chats Start a new one

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Action required: Confirm your IBM Cloud account

IBM Cloud <no-reply@cloud.ibm.com>

23:08 (1 minute ago)

Hello Teacher,

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!

Click the Confirm account button in your email.

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:11

Sign up for IBM Cloud

Incognito

https://cloud.ibm.com/registration/accept

IBM Cloud

Welcome!

You confirmed your IBM Cloud account, and it is now activated. Log in to get started.

Log in

Cookie Preferences

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Your IBM Cloud account is now live.

Click the **Log in** button.

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:11

About your IBMid Account Privacy +

https://myibm.ibm.com/elanotice/5/en-us/notice.html?t=eyJhbGciOiJIUzI1NilsInR5cCI6IkpxVCJ9.eyJ1c2VySUQiOiJtbGZvcmtpZHNkb2NAZ21h... Incognito :

About your IBMid Account Privacy

This notice provides information about accessing your IBMid user account (Account). If you have previously been presented with a version of this notice, please refer to “Changes since the previous version of this notice” below for information about the new updates.

- + Changes since the previous version of this notice
- + What data does IBM collect?
- + Why IBM needs your data
- + How your data was obtained
- + How IBM uses your data
- + How IBM protects your data
- + How long we keep your data

1. Create your IBM Cloud account
2. Create credentials for text projects
3. Create credentials for images projects
4. Billing

Review & accept the Privacy Policy

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:12

IBM Cloud x

https://cloud.ibm.com

Incognito

Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Dashboard

Resource summary

[What is a resource?](#)

[Regions for resource deploy](#)

[Best practices for organizing](#)

Location status

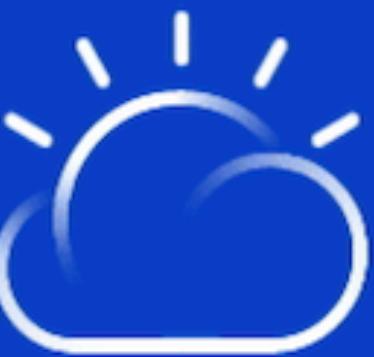
Asia Pacific

Europe

North America

South America

Welcome to IBM Cloud



IBM Cloud

We're glad you're here! Now that your account is all set up with a resource group, org, and space already created for you, you're ready to start working on your projects.

• ○

Next

Upgrade account

Create resource

x

View events

for 2019 20:00

for the Watson Assistant ...

cluster workers to obtain ...

cluster workers to obtain ...

certificates for Blockchain ...

FEEDBACK

View support



of your support cases here after more about how to get support.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Your IBM Cloud account is now ready to use.

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:13

IBM Cloud x

https://cloud.ibm.com

Incognito

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Upgrade account Create resource

Dashboard

Resource summary [View resources](#)

[What is a resource?](#)
[Regions for resource deployment](#)
[Best practices for organizing resources in resource group](#)

 View a summary of resources in your account here.

[Create +](#)

Planned maintenance [View events](#)

Next event: Mon, 22 Apr 2019 20:00
PLANNED: Migrate data for the Watson Assistant ...

Upcoming

PLANNED: Upgrade the cluster workers to obtain ...
PLANNED: Upgrade the cluster workers to obtain ...
PLANNED: Renew the certificates for Blockchain ...

Location status [View status](#)

Asia Pacific	✓
Europe	✓
North America	⚠
South America	✓

Apps 

You can view your apps here after you create them. [Learn more about how to get started.](#)

Support cases [View support](#)



You can view a summary of your support cases here after you submit them. [Learn more about how to get support.](#)

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

This is the dashboard view where you can see what you've created.

Click “Create resource” in the top right

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:14

Catalog - IBM Cloud

https://cloud.ibm.com/catalog?search=label:lite

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo'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.

Catalog

label:lite

Filter

All Categories (61) >

Compute

Cloud Foundry

Compute (10)

Containers (1)

Networking

Storage (1)

AI (15)

Analytics (4)

Databases (3)

Developer Tools (9)

Integration (3)

Internet of Things (1)

Security and Identity (3)

Starter Kits (2)

Web and Mobile (3)

Web and Application (6)



Liberty for Java™

Lite • IBM

Develop, deploy, and scale Java web apps with ease. IBM WebSphere Liberty Profile is a highly composable, ultra-fast, ultra-light profile of IBM WebSphere Application Server designed for the cloud.



SDK for Node.js™

Lite • IBM

Develop, deploy, and scale server-side JavaScript® apps with ease. The IBM SDK for Node.js™ provides enhanced performance, security, and serviceability.



ASP.NET Core

Lite • IBM

Develop, deploy, and scale ASP.NET Core web apps with ease.



Runtime for Swift

Lite • IBM

A Kitura based server application that you can use as a starting point to get your own Kitura application up and running quickly on Bluemix.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

This is where you find the range of services that are available in IBM Cloud.

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:14

Catalog - IBM Cloud

https://cloud.ibm.com/catalog?search=label:lite%20Assistant

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo'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.

Catalog

label:lite Assistant Filter

All Categories (1) > AI

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

FEEDBACK

Looking for more?
Check out the IBM Cloud experimental services to try out experimental runtimes and services.

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

Find “Watson Assistant” in the list.

The filter at the top is a good way to help you do that.

Click on “Watson Assistant”

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a navigation bar with links like Chrome, File, Edit, View, History, Bookmarks, People, Window, Help, and a search bar. Below the navigation is a header for "Watson Assistant - IBM Cloud" with a "Catalog" tab selected. The main content area displays the "Watson Assistant" service details, including its icon (two speech bubbles), name, provider (Lite • IBM), and a brief description: "Watson Assistant lets you build conversational interfaces into any application, device, or channel." Below this are links to "View Docs", "View API Docs", and "Terms". On the left, there's a sidebar with author information: AUTHOR (IBM), PUBLISHED (18/04/2019), and TYPE (Service). The main form for creating a new service instance includes fields for "Service name" (with placeholder "Put Any Name In Here"), "Choose a region/location to deploy in" (set to London), "Select a resource group" (set to Default), and "Tags" (with placeholder "Examples: env:dev, version-1"). A "Pricing Plans" section follows, with tabs for PLAN, FEATURES, and PRICING, and buttons for "Add to estimate" and "Create".

Enter in details for the Assistant service that you will create

“Service name” is a name to help you remember what you will use this for.

The name doesn't really matter.

The region/location that you choose doesn't really matter.

Scroll down to see the rest of the options before you click the Create button!

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Chrome File Edit View History Bookmarks People Window Help

Watson Assistant - IBM Cloud

https://cloud.ibm.com/catalog/services/watson-assistant

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	10,000 Messages/Month AI-Based Intent and Entity Recognition Entity Synonym Recommendations Visual Dialog Edit with Simple Response Types (Text, Options, Images, etc...) Prebuilt Content Available Analytics Dashboard with 7 Days of Storage 5 Dialog Skills, Each with 100 Dialog Nodes Shared Public Cloud	Free
Standard	Everything in Lite, with these additions... Unlimited Messages/Month 20 Dialog Skills, Each with Unlimited Dialog Nodes 10 Versions per Dialog Skill Analytics Dashboard with 30 Days of Storage	\$0.0025 USD/API call*

The Lite plan gets you started with 10,000 API calls per month at no cost. And when you upgrade to a paid plan, you'll keep all your intents, entities, dialog flows, and chat logs.

Lite plan services are deleted after 30 days of inactivity.

Add to estimate Create

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

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Pricing Plans are at the bottom.

The number of "Dialog Skills" is how many machine learning models your students can have (at once) for their text projects.

If you have 10 students, and you want them to all be able to train their own text projects at the same time, then you will need 10 dialog skills.

With the Lite plan, an instance of Assistant will let you have 5 dialog skills.

Using the ML model from Scratch projects is Free in the Lite Plan (up to 10,000 times per month)

Chrome File Edit View History Bookmarks People Window Help

Watson Assistant - IBM Cloud +

https://cloud.ibm.com/catalog/services/watson-assistant

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	10,000 Messages/Month AI-Based Intent and Entity Recognition Entity Synonym Recommendations Visual Dialog Edit with Simple Response Types (Text, Options, Images, etc...) Prebuilt Content Available Analytics Dashboard with 7 Days of Storage 5 Dialog Skills, Each with 100 Dialog Nodes Shared Public Cloud	Free
Standard	Everything in Lite, with these additions... Unlimited Messages/Month 20 Dialog Skills, Each with Unlimited Dialog Nodes 10 Versions per Dialog Skill Analytics Dashboard with 30 Days of Storage	\$0.0025 USD/API call*
Plus	Everything in Standard with these additions	Starting at \$

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

Add to estimate Upgrade
Upgrade your account to use this pricing plan

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

FEEDBACK

The “Standard” plan lets you have up to 20 dialog skills.

Each instance of the Standard Plan service will support up to 20 students training machine learning models for their text projects at once.

Or... 10 students each training machine learning models for two of their text projects at once.

Or... 5 students each training machine learning models for four of their text projects at once.

Using the ML model from Scratch projects costs £0.001617 in the Standard Plan every time you use the model to recognise some text.

Chrome File Edit View History Bookmarks People Window Help

Watson Assistant - IBM Cloud

https://cloud.ibm.com/catalog/services/watson-assistant

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	10,000 Messages/Month AI-Based Intent and Entity Recognition Entity Synonym Recommendations Visual Dialog Edit with Simple Response Types (Text, Options, Images, etc...) Prebuilt Content Available Analytics Dashboard with 7 Days of Storage 5 Dialog Skills, Each with 100 Dialog Nodes Shared Public Cloud	Free
Standard	Everything in Lite, with these additions... Unlimited Messages/Month 20 Dialog Skills, Each with Unlimited Dialog Nodes 10 Versions per Dialog Skill Analytics Dashboard with 30 Days of Storage	\$0.0025 USD/API call*
Plus	Everything in Standard with these additions	Starting at \$

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

Add to estimate Upgrade
Upgrade your account to use this pricing plan

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

If you work at a school or other educational establishment, **you do not need to pay for the Standard plan.**

Section 4 of this document explains how schools are able to apply for a promo code that lets you create Standard Plan services at no charge.

Chrome File Edit View History Bookmarks People Window Help

Watson Assistant - IBM Cloud +

https://cloud.ibm.com/catalog/services/watson-assistant

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	10,000 Messages/Month AI-Based Intent and Entity Recognition Entity Synonym Recommendations Visual Dialog Edit with Simple Response Types (Text, Options, Images, etc...) Prebuilt Content Available Analytics Dashboard with 7 Days of Storage 5 Dialog Skills, Each with 100 Dialog Nodes Shared Public Cloud	Free
Standard	Everything in Lite, with these additions... Unlimited Messages/Month 20 Dialog Skills, Each with Unlimited Dialog Nodes 10 Versions per Dialog Skill Analytics Dashboard with 30 Days of Storage	\$0.0025 USD/API call*

The Lite plan gets you started with 10,000 API calls per month at no cost. And when you upgrade to a paid plan, you'll keep all your intents, entities, dialog flows, and chat logs.

Lite plan services are deleted after 30 days of inactivity.

When you've chosen the Pricing Plan to use, click "Create"

(Remember: Come back to the Catalog and create another one if this won't cover what you need for your class).

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

Add to estimate

Create

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:20

IBM Watson Service Page

https://cloud.ibm.com/services/conversation/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeu-gb%3Aa%2F478b90306e454316a7937...

Incognito

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Resource list / Put Any Name In Here

Resource group: Default Location: London Add Tags

Get started by launching the tool.

Plan: Lite Upgrade

Launch tool Getting started tutorial API reference

Credentials

Download Show Credentials

API Key: Download

URL: https://gateway-lon.watsonplatform.net/assistant/api Download

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

This is the confirmation screen once you've created your Watson Assistant instance.

Click **Show Credentials** next to the eyeball in the “Credentials” box.

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:21

IBM Watson Service Page +

https://cloud.ibm.com/services/conversation/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeu-gb%3Aa%2F478b90306e454316a7937... Incognito

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Resource list / Put Any Name In Here

Resource group: Default Location: London Add Tags

Get started by launching the tool. Plan: Lite Upgrade

Launch tool Getting started tutorial API reference

Credentials Download Hide Credentials

API Key: 8rUub051ofCJYCrajq4obwxEhcomj0QlMvDg7i1Lysjy

URL: https://gateway-lon.watsonplatform.net/assistant/api

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Copy the “API Key” value.

This is what you need to put into machinelearningforkids.co.uk

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:23

IBM Watson Service Page https://cloud.ibm.com/services/conversation/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aeu-gb%3Aa%2F478b90306e454316a7937... Incognito

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Resource list / Put Any Name In Here

Resource group: Default Location: London Add Tags

Get started by launching the tool. Plan: Lite Upgrade

Launch tool Getting started tutorial API reference

Credentials Download Hide Credentials

API Key: 8rUub051ofCJYCrajq4obwxEhcomj0QlMvDg7i1Lysjy

URL: https://gateway-lon.watsonplatform.net/assistant/api

https://cloud.ibm.com/resources

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Click on the three lines near the top left to find the menu that will get you back to the “Resource List”

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:24

Resource list - IBM Cloud

https://cloud.ibm.com/resources

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account Create resource

Resource list

Create resource

Collapse all | Expand all

Name	Group	Location	Status	Tags
<input type="text"/> Filter by name or IP address...	<input type="text"/> Filter by group or org...	<input type="text"/> Filter...	<input type="text"/> Filter...	<input type="text"/> Filter...
> Devices (0)				
> Kubernetes Clusters (0)				
> Cloud Foundry Apps (0)				
> Cloud Foundry Services (0)				
Services (1)				
<input type="text"/> Put Any Name In Here	Default	London	Provisioned	--
> Storage (0)				
> Cloud Foundry Enterprise Environments (0)				
> Apps (0)				

The Resource List shows the services that you've created.

If you go click Create resource and create another Watson Assistant service, you'll see each of them in the list here.

FEEDBACK

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Catalog - IBM Cloud x +

https://cloud.ibm.com/catalog?search=label:lite

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo'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.

Catalog

label:lite Filter

All Categories (61) >

Compute

Cloud Foundry

.java **Liberty for Java™** Lite • IBM
Develop, deploy, and scale Java web apps with ease. IBM WebSphere Liberty Profile is a highly composable, ultra-fast, ultra-light profile of IBM WebSphere Application Server designed for the cloud.

.js **SDK for Node.js™** Lite • IBM
Develop, deploy, and scale server-side JavaScript® apps with ease. The IBM SDK for Node.js™ provides enhanced performance, security, and serviceability.

.net **ASP.NET Core** Lite • IBM
Develop, deploy, and scale ASP.NET Core web apps with ease.

.swift **Runtime for Swift** Lite • IBM
A Kitura based server application that you can use as a starting point to get your own Kitura application up and running quickly on Bluemix.

FEEDBACK

Click Create resource in the top right of the resource list

This is where you find the range of services that are available in IBM Cloud.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:25

Catalog - IBM Cloud

https://cloud.ibm.com/catalog?search=label:lite%20visual%20rec

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo'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.

Catalog

label:lite visual rec

All Categories (1) > AI

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. Develop smart applications that analyze th...

FEEDBACK

Looking for more?

Check out the IBM Cloud experimental services to try out experimental runtimes and services.

1. Create your IBM Cloud account
2. Create credentials for text projects
3. Create credentials for images projects
4. Billing

Find “Visual Recognition” in the list.

The filter at the top is a good way to help you do that.

Click on “Visual Recognition”

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:26

Visual Recognition - IBM Cloud +

https://cloud.ibm.com/catalog/services/visual-recognition

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

View all

Visual Recognition

Lite • 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 Docs](#) [View API Docs](#) [Terms](#)

AUTHOR IBM
PUBLISHED 19/04/2019
TYPE Service

Service name:

Put Another Name In Here

Choose a region/location to deploy in:

Dallas

Select a resource group: [i](#)

Default

Tags: [i](#)

Examples: env:dev, version-1

Features

• General Model

• Food Model

Add to estimate

Create

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

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Enter in details for the Visual Recognition service that you will create

“Service name” is a name to help you remember what you will use this for.

The name doesn't really matter.

Scroll down to see the rest of the options before you click the Create button!

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:26

Visual Recognition - IBM Cloud x +

https://cloud.ibm.com/catalog/services/visual-recognition

Incognito

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	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 Lite Plan instance per IBM Cloud Organization Free Exports to Core ML	Free
Standard	Image Tagging Events Pay per Use Face Detection Events Pay per Use Training Events Pay per Use Custom Tagging Events Pay per Use Food Tagging Events Pay per Use Explicit Tagging Events Pay per Use	\$0.002 USD/General Tagging Event \$0.004 USD/Facial Recognition Event \$0.10 USD/Training

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.

Lite plan services are deleted after 30 days of inactivity.

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

Add to estimate

Create

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Pricing Plans are at the bottom.

The Lite plan will only let you create two machine learning models for images projects.

Using the ML models from Scratch projects is Free in the “Lite” Plan (up to 1000 times per day)

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Visual Recognition - IBM Cloud

https://cloud.ibm.com/catalog/services/visual-recognition

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Lite 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 Lite Plan instance per IBM Cloud Organization Free Exports to Core ML

Standard ✓ Image Tagging Events Pay per Use Face Detection Events Pay per Use Training Events Pay per Use Custom Tagging Events Pay per Use Food Tagging Events Pay per Use Explicit 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 TaggingEvents \$0.002 USD/Explicit Tagging Events

Need Help? Contact IBM Cloud Support

Add to estimate Upgrade

Upgrade your account to use this pricing plan

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Pricing Plans are at the bottom.

With the “Standard” plan, creating a machine learning model for an images project will cost £0.0647 per image used to train the model.

So, if you train a model using 40 images, that will cost £2.588

Using the ML model from Scratch projects costs £0.00121 in the Standard Plan every time you use the model to recognise an image.

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Visual Recognition - IBM Cloud x +

https://cloud.ibm.com/catalog/services/visual-recognition

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Lite 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 Lite Plan instance per IBM Cloud Organization Free Exports to Core ML

✓ Standard Image Tagging Events Pay per Use Face Detection Events Pay per Use Training Events Pay per Use Custom Tagging Events Pay per Use Food Tagging Events Pay per Use Explicit 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 TaggingEvents \$0.002 USD/Explicit Tagging Events

Need Help? Contact IBM Cloud Support ↗

Add to estimate Upgrade

Upgrade your account to use this pricing plan

If you work at a school or other educational establishment, **you do not need to pay for the Standard plan.**

Section 4 of this document explains how schools are able to apply for a promo code that lets you create Standard Plan services at no charge.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

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Visual Recognition - IBM Cloud +

https://cloud.ibm.com/catalog/services/visual-recognition

Incognito :

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	<p>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 Lite Plan instance per IBM Cloud Organization Free Exports to Core ML</p> <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 Face Detection Events Pay per Use Training Events Pay per Use Custom Tagging Events Pay per Use Food Tagging Events Pay per Use Explicit Tagging Events Pay per Use</p>	<p>\$0.002 USD/General Tagging Event \$0.004 USD/Facial Recognition Event \$0.10 USD/Training</p>

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

Add to estimate

Create

1. Create your IBM Cloud account
2. Create credentials for text projects
3. Create credentials for images projects
4. Billing

When you've chosen the Pricing Plan to use, click "Create"

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IBM Watson Service Page +
<https://cloud.ibm.com/services/watson-vision-combined/crn%3Av1%3Abluemix%3Apublic%3Awatson-vision-combined%3Aus-south%3Aa%2F...> Incognito

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Resource list / Put Another Name In Here

Resource group: Default Location: Dallas Add Tags

Show credentials

Curl Go Java Node More

Getting started tutorial

Last Updated: 2019-03-19

This tutorial guides you through how to use some built-in models in IBM Watson™ Visual Recognition to classify an image and then detect faces in an image.

Tip: If you prefer to work in a graphical interface, use Watson Studio. [Launch the tool](#) and follow the [video](#).

Before you begin

- Make sure that you have the `curl` command.
 - Test whether `curl` is installed. Run the following command on the command line. If the output lists the `curl` version with SSL support, you are set for the tutorial.

1. Create your IBM Cloud account
2. Create credentials for text projects
3. Create credentials for images projects
4. Billing

This is the confirmation screen once you've created your Watson Visual Recognition instance.

Click the “Service Credentials” link on the left side menu.

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100% Fri 19 Apr 23:30

IBM Watson Service Page

https://cloud.ibm.com/services/watson-vision-combined/crn%3Av1%3Abluemix%3Apublic%3Awatson-vision-combined%3Aus-south%3Aa%2F...

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Resource list / Put Another Name In Here

Resource group: Default Location: Dallas Add Tags

Service credentials

Manage Getting started Service credentials Plan Connections

Service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service. [Learn more](#)

New credential +

KEY NAME	DATE CREATED	ACTIONS
<input type="checkbox"/> Auto-generated service credentials	19 APR 2019 - 11:29:26 PM	View credentials

Click the “View credentials” link in the Actions menu at the bottom

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:30

IBM Watson Service Page +

https://cloud.ibm.com/services/watson-vision-combined/crn%3Av1%3Abluemix%3Apublic%3Awatson-vision-combined%3Aus-south%3Aa%2F... Incognito

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Put Another Name In Here

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

Service credentials

Items per page **10** | 1-1 of 1 items

New credential **+**

1 of 1 pages < 1 >

<input type="checkbox"/> KEY NAME	DATE CREATED	ACTIONS
<input type="checkbox"/> Auto-generated service credentials	19 APR 2019 - 11:29:26 PM	View credentials

```
{  
  "apikey": "ZW8HN8PmUylG_qzDlyRhXne_gd2eF90zkueNk2gDIouk",  
  "iam_apikey_description": "Auto generated apikey during resource-key operation for Instance - crn:v1:bluemix:public:watson-vision-combined:us-south:a/478b90306e454316a79378b78a0ef22b:ecd8d2b7-7a5e-46fc-aae0-546a31bae25b::",  
  "iam_apikey_name": "auto-generated-apikey-29138c95-6dfc-4fe4-9957-ad38b44e3717",  
  "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager",  
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/478b90306e454316a79378b78a0ef22b::serviceid:ServiceId-26195fc6-ddc0-47d4-83b4-d8be7fff0aea",  
  "url": "https://gateway.watsonplatform.net/visual-recognition/api"  
}
```

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Copy the “apikey” value.

This is what you need to put into machinelearningforkids.co.uk

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100% Fri 19 Apr 23:31

IBM Watson Service Page

https://cloud.ibm.com/services/watson-vision-combined/crn%3Av1%3Abluemix%3Apublic%3Awatson-vision-combined%3Aus-south%3Aa%2F...

Incognito

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Dashboard Resource List Cloud Foundry Kubernetes Classic Infrastructure VMware APIs Apple Development Blockchain DevOps Finance Functions Integrate Managed Solutions

Put Another Name In Here

Resource group: Default Location: Dallas Add Tags

Service credentials New credential +

Items per page 10 | 1-1 of 1 items 1 of 1 pages < 1 >

<input type="checkbox"/> KEY NAME	DATE CREATED	ACTIONS
<input type="checkbox"/> Auto-generated service credentials	19 APR 2019 - 11:29:26 PM	View credentials

```
{ "apikey": "ZW8HN8PmUylG_qzDlyRhXne_gd2eF90zkueNk2gDIouk", "iam_apikey_description": "Auto generated apikey during resource-key operation for Instance - crn:v1:bluemix:public:watson-vision-combined:us-south:a/478b90306e454316a79378b78a0ef22b:ecd8d2b7-7a5e-46fc-aae0-546a31bae25b::", "iam_apikey_name": "auto-generated-apikey-29138c95-6dfc-4fe4-9957-ad38b44e3717", "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager", "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity:a/478b90306e454316a79378b78a0ef22b::serviceid:ServiceId-26195fc6-ddc0-47d4-83b4-d8be7fff0aea", "url": "https://gateway.watsonplatform.net/visual-recognition/api" }
```

https://cloud.ibm.com/resources

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Click on the three lines near the top left to find the menu that will get you back to the “Resource List”

Chrome File Edit View History Bookmarks People Window Help

100% Fri 19 Apr 23:32

Resource list - IBM Cloud +
https://cloud.ibm.com/resources Incognito

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account Create resource

Resource list

[Collapse all](#) | [Expand all](#)

Name	Group	Location	Status	Tags
<input type="text"/> Filter by name or IP address...	<input type="text"/> Filter by group or org...	<input type="text"/> Filter...	<input type="text"/> Filter...	<input type="text"/> Filter...
> Devices (0)				
> Kubernetes Clusters (0)				
> Cloud Foundry Apps (0)				
> Cloud Foundry Services (0)				
▼ Services (2)				
Put Another Name In Here	Default	Dallas	Provisioned	--
Put Any Name In Here	Default	London	Provisioned	--
> Storage (0)				
> Cloud Foundry Enterprise Environments (0)				
> Apps (0)				

The Resource List shows the services that you've created.

FEEDBACK

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

For **text** projects, you'll need to create **Watson Assistant** instances

Pricing Plan	How many of these can you create WITHOUT adding a credit card to your account?	How many of these can you create if you add a credit card to your account?	Cost when students click on "Train a new machine learning model"	How many machine learning models can your students have at once?	How much it costs to recognise text from Scratch each time	How many times can students recognise text from Scratch?
Lite	3	No limit	free	5	free	10,000 per month
Standard	0	No limit	free	20	£0.001617	unlimited

To recap, the prices...

If you work at a school or other educational establishment, **you do not need to pay for the Standard plan.**

For **images** projects, you'll need to create **Watson Visual Recognition** instances

Pricing Plan	How many of these can you create WITHOUT adding a credit card to your account?	How many of these can you create if you add a credit card to your account?	Cost when students click on "Train a new machine learning model"	How many machine learning models can your students have at once?	How much it costs to recognise an image from Scratch each time	How many times can students recognise images from Scratch?
Lite	1	1	free	2	free	1000 per day
Standard	0	No limit	£0.0647 per training image	unlimited	£0.00121	unlimited

These prices are correct at the time of writing, and are provided as an indicative guide. For the definitive prices, refer to the prices shown in the IBM Cloud catalog.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Prices here quoted for the UK.

The IBM Cloud catalog will show prices in other currencies for users not in the UK.

Imagine...

You have a class of **30 children**

They share computers (two children to every computer) so you will have 15 computers and 15 student accounts logged in to machinelearningforkids.co.uk

You choose a project worksheet for the class that involves recognising **text**

An example of IBM Cloud costs for a single Machine Learning for Kids class

Example 1:
A large class working on a text project

You could...

You create **three (3) x Lite Plan** instances of the Watson Assistant service

This will allow all fifteen pairs to train machine learning models
(each Lite Plan allows up to 5 machine learning models)

That means...

There is **no charge** for Lite Plan services.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

These prices are correct at the time of writing, and are provided as an indicative guide.
For definitive prices, refer to prices shown in the IBM Cloud catalog.

Imagine...

You have a class of **30 children**

You will have 30 computers and 30 student accounts logged in to machinelearningforkids.co.uk

You choose a project worksheet for the class that involves recognising **images**

An example of IBM Cloud costs for a single Machine Learning for Kids class

You could...

You create **one Lite Plan** instance of the Watson Visual Recognition service

You create a “whole class project” for your class, so all your students work together to contribute to the training of a single machine learning model.

They all collect their training data at the same time. You as the teacher will be the one who clicks the “Train new machine learning model” button. They can all use the machine learning model from Scratch at the same time.

That means...

There is **no charge** for Lite Plan services.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

These prices are correct at the time of writing, and are provided as an indicative guide.
For definitive prices, refer to prices shown in the IBM Cloud catalog.

Imagine...

You have a coding club of **6 children**

They share computers (two children to every computer) so you will have 3 computers and 3 student accounts logged in to machinelearningforkids.co.uk

You choose a project worksheet for the class that involves recognising **images**

An example of IBM Cloud costs for a single Machine Learning for Kids class

You could...

You create **one Lite Plan** instance of the Watson Visual Recognition service

You ask your students to **take turns** to train machine learning models each using 30 example images.

They all collect their training data at the same time, but they need to wait to click the “Train new machine learning model” button one at a time

That means...

There is **no charge** for Lite Plan services.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

These prices are correct at the time of writing, and are provided as an indicative guide.
For definitive prices, refer to prices shown in the IBM Cloud catalog.

Imagine...

You have a coding club of **6 children**

They share computers (two children to every computer) so you will have 3 computers and 3 student accounts logged in to machinelearningforkids.co.uk

You choose a project worksheet for the class that involves recognising **images**

You could...

You create **one Lite Plan** instance and **one Standard Plan** instance of the Watson Visual Recognition service

You ask your students to train machine learning models each using 30 example images.

You let them each test their machine learning models 10 times.

That means...

The first two models will be created using the Lite Plan. There is no charge for Lite Plan services

The third model will use the Standard Plan.

Training their machine learning models will cost approx £1.94 (1 students x 30 images x £0.0647 cost)

Testing their machine learning models will cost approx £0.02 (1 students x 10 images x £0.001617 cost)

Class cost could cost approx £1.96

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

An example of IBM Cloud costs for a single Machine Learning for Kids class

Example 4:
A small code club working on an images project

Schools are able to apply for promo codes that lets you create Standard Plan services at no charge.

These prices are correct at the time of writing, and are provided as an indicative guide.

For definitive prices, refer to prices shown in the IBM Cloud catalog.

Prices here quoted for the UK.

The IBM Cloud catalog will show prices in other currencies for users not in the UK.

Imagine...

You have a class of **30 children**

They share computers (two children to every computer) so you will have 15 computers and 15 student accounts logged in to machinelearningforkids.co.uk

You choose a project worksheet for the class that involves recognising **images**

You could...

You create **one Lite Plan** instance and **one Standard Plan** instance of the Watson Visual Recognition service

You ask your students to train machine learning models each using 30 example images.

You let them each test their machine learning models 10 times.

That means...

The first two models will be created using the Lite Plan. There is no charge for Lite Plan services

The next 13 models will use the Standard Plan.

Training their machine learning models will cost approx £25.23 (13 students x 30 images x £0.0647 cost)

Testing their machine learning models will cost approx £0.21 (13 students x 10 images x £0.001617 cost)

Class cost could cost approx £25.44

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

An example of IBM Cloud costs for a single Machine Learning for Kids class

Example 5:
A large class working on an images project

Schools are able to apply for promo codes that lets you create Standard Plan services at no charge.

These prices are correct at the time of writing, and are provided as an indicative guide.

For definitive prices, refer to prices shown in the IBM Cloud catalog.

Prices here quoted for the UK.

The IBM Cloud catalog will show prices in other currencies for users not in the UK.

If you work at a school, you can request free use of the Watson services for academic usage.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

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100% Fri 19 Apr 23:43

IBM Academic Initiative | Acad... +

https://ibm.onthehub.com/WebStore/ProductsByMajorVersionList.aspx?cmi_cs=1&cmi_mnuMain=445a8b3f-5765-e611-9420-b8ca3a5db7a1 Incognito

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IBM

Product Search

Faculty/Staff Students

Cloud Watson IoT Data & Analytics Security Blockchain IBM Z Power Systems Commerce Quantum More Resources

Cloud Access Software

In addition to the valuable resource below, check out [Watson Academy](#).

IBM Cloud

IBM Cloud Promo Code

Cloud access

Cloud access

IBM Watson Analytics - Faculty Edition

IBM Watson Analytics Renewal Only - Faculty Edition - 12 month subscription

You must be a member of an academic organization to qualify for the software discounts offered on this WebStore. You will be required to provide proof of your academic affiliation to register an account on this site. Consult the [Help](#) page for more information about how to register.

Connect With Us

OnTheHub

1. Create your IBM Cloud account
2. Create credentials for text projects
3. Create credentials for images projects
4. Billing

To request free use of Watson services for academic use...

Visit
<https://ibm.onthehub.com>

Update! (Jun 2019)

Creating Promo Codes for free academic access to IBM Cloud is being moved to <https://ibm.biz/academic>

I'll update the screenshots in this doc once I have more information, but the basic principle (request a Promo Code for IBM Cloud that you can use to get free access to Watson API keys).

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IBM Academic Initiative | Acad... +

https://ibm.onthehub.com/WebStore/ProductsByMajorVersionList.aspx?cmi_cs=1&cmi_mnuMain=445a8b3f-5765-e611-9420-b8ca3a5db7a1 Incognito

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Cloud Watson IBM Data & Analytics Security Blockchain IBM Z Power Systems Commerce Quantum More Resources

Cloud Access Software

In addition to the valuable resource below, check out [Watson Academy](#).

IBM Cloud

IBM Cloud Promo Code

Cloud access

Cloud access

IBM Watson Analytics - Faculty Edition

IBM Watson Analytics Renewal Only - Faculty Edition - 12 month subscription

You must be a member of an academic organization to qualify for the software discounts offered on this WebStore. You will be required to provide proof of your academic affiliation to register an account on this site. Consult the [Help](#) page for more information about how to register.

Connect With Us

OnTheHub

1. Create your IBM Cloud account
2. Create credentials for text projects
3. Create credentials for images projects
4. Billing

To request free use of Watson services for academic use...

Visit

<https://ibm.onthehub.com>

Click "Watson"

Update! (Jun 2019)

Creating Promo Codes for free academic access to IBM Cloud is being moved to <https://ibm.biz/academic>

I'll update the screenshots in this doc once I have more information, but the basic principle (request a Promo Code for IBM Cloud that you can use to get free access to Watson API keys).

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IBM Academic Initiative | Acad... +

https://ibm.onthehub.com/WebStore/ProductsByMajorVersionList.aspx?cmi_cs=1&cmi_mnuMain=445a8b3f-5765-e611-9420-b8ca3a5db7a1 Incognito

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IBM

Product Search

Faculty/Staff Students

Cloud Watson IoT Data & Analytics Security Blockchain IBM Z Power Systems Commerce Quantum More Resources

Cloud Access Software

In addition to the valuable resource below, check out [Watson Academy](#).

IBM Cloud

IBM Cloud Promo Code

Cloud access

Cloud access

IBM Watson Analytics - Faculty Edition

IBM Watson Analytics Renewal Only - Faculty Edition - 12 month subscription

You must be a member of an academic organization to qualify for the software discounts offered on this WebStore. You will be required to provide proof of your academic affiliation to register an account on this site. Consult the [Help](#) page for more information about how to register.

Connect With Us

OnTheHub

1. Create your IBM Cloud account
2. Create credentials for text projects
3. Create credentials for images projects
4. Billing

To request free use of
Watson services for academic use...

Visit
<https://ibm.onthehub.com>

Click “Watson”

Click “IBM Cloud Promo Code”

Update! (Jun 2019)

Creating Promo Codes for free
academic access to IBM Cloud
is being moved to
<https://ibm.biz/academic>

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IBM Cloud Promo Code | IBM A X +

https://ibm.onthehub.com/WebStore/OfferingDetails.aspx?o=142ecc8-0403-e911-810e-000d3af41938

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Cloud Watson IoT Data & Analytics Security Blockchain IBM Z Power Systems Commerce Quantum More Resources

Cloud Access Software

In addition to the valuable resource below, check out [Watson Academy](#).

IBM Cloud Promo Code

Manufacturer: IBM Academic Initiative

Delivery Type: Custom Delivery

Available to: Faculty/Staff

Promo code is valid until December 31st, 2019

Free

Add to Cart

Are you eligible?

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

To request free use of Watson services for academic use...

Visit
<https://ibm.onthehub.com>

Click “Watson”

Click “IBM Cloud Promo Code”

Click “Add to Cart”

You will need to identify the school that you work at to proceed.

Update! (Jun 2019)

Creating Promo Codes for free academic access to IBM Cloud is being moved to <https://ibm.biz/academic>

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Resource list - IBM Cloud

https://cloud.ibm.com/resources

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Create resource

Account Billing and usage Access (IAM) Tags

Resource list

Name ▾ Group Location Tags

Filter by name or IP address... Filter by group or org... Filter... Filter... Filter...

> Devices (0)

> Kubernetes Clusters (0)

> Cloud Foundry Apps (0)

> Cloud Foundry Services (0)

< Services (2)

Put Another Name In Here	Default	Dallas	Provisioned	--	•••
Put Any Name In Here	Default	London	Provisioned	--	•••

> Storage (0)

> Cloud Foundry Enterprise Environments (0)

> Apps (0)

https://cloud.ibm.com/account

Once you have the Promo Code, go back to <https://cloud.ibm.com>

Click on Manage -> Account

FEEDBACK

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

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IBM Cloud Account https://cloud.ibm.com/account/settings

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Account settings

Account Teacher Demo's Account ID: 478b90306e454316a79378b78a0ef22b

Account Type Lite (Free)

256 MB of free memory each month, free Lite plan services to choose from, and easy to upgrade when you're ready for more.

Account upgrade

Pay-As-You-Go Add your credit card to unlock the full power of IBM Cloud with a Pay-As-You-Go account. You'll still be eligible for free runtime and service allowances, and you'll be charged only for paid services that you use.

Subscription Get discounted pricing and increased billing predictability when you commit to a set amount of usage over time.

Need help? Contact sales

Upgrade

https://cloud.ibm.com/account/settings

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

Once you have the Promo Code, go back to <https://cloud.ibm.com>

Click on **Manage -> Account**

Click on **Account settings**

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IBM Cloud Account https://cloud.ibm.com/account/settings

Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

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Feature Codes

Feature codes add subscription credit that you purchased or unlock additional IBM Cloud capabilities for your account. Each feature code can be applied only once.

Apply code

EU Supported: Off

If you select the EU Supported option, the most common support issues will be limited to an IBM Cloud team located in the European Union.

On Learn more

HIPAA Supported: Off

The US Health Insurance Portability and Accountability Act (HIPAA) requires that you enter into a contract to ensure safeguarding of protected health information (PHI).

If you or your company is a covered entity as defined by HIPAA, turn on this setting

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Once you have the Promo Code, go back to <https://cloud.ibm.com>

Click on **Manage -> Account**

Click on **Account settings**

Scroll to **Feature Codes** and click on **Apply code**

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IBM Cloud Account

https://cloud.ibm.com/account/settings

Incognito

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EU S If you s limited On

Feature Codes Feature codes add subscription credit that you purchased or unlock additional IBM Cloud capabilities.

Feature code
Enter a feature code to add subscription credit or extra capabilities to this account.
You can apply a feature code to only one IBM Cloud account, and the code cannot be removed after it's applied.

Feature code Enter code
The feature code will be applied to the account:
Teacher Demo's Account

HIPAA Supported: Off
The US Health Insurance Portability and Accountability Act (HIPAA) requires that you enter into a contract to ensure safeguarding of protected health information (PHI).
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Billing

Once you have the Promo Code, go back to <https://cloud.ibm.com>

Click on **Manage -> Account**

Click on **Account settings**

Scroll to **Feature Codes** and click on **Apply code**

Enter your promo code

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IBM Cloud Account

https://cloud.ibm.com/account/settings

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Account
Teacher Demo's Account
ID: 478b90306e454316a79378b78a0ef22b

Account Type
Lite (Free)

256 MB of free memory each month, free Lite plan services to choose from, and easy to upgrade when you're ready for more.

Account upgrade

Pay-As-You-Go
Add your credit card to unlock the full power of IBM Cloud with a Pay-As-You-Go account. You'll still be eligible for free runtime and service allowances, and you'll be charged only for paid services that you use.

Subscription
Get discounted pricing and increased billing predictability when you commit to a set amount of usage over time.

Need help?
[Contact sales](#)

Upgrade

Add credit card

If you do not work for a school, you can just use the Lite Plan services at no charge.

Alternatively, you can click on **Add credit card** to enable access to Standard Plan services.

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IBM Cloud Account +

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Upgrade to Pay-As-You-Go

Add your credit card and unlock access to the full catalog.

There's no minimum charge and you'll only pay for what you use. Keep all your current free capabilities and get a whole lot more:

- Continued access to Lite plans
- Additional free Cloud Foundry memory to 512 MB
- Access to all free plans in the catalog
- Ability to purchase infrastructure resources

Get started with a \$200 credit!

Billing Information

Company Account Personal Account

First Name Last Name

Address Line 1

Address Line 2 (optional)

Country/Region City

ZIP/Postal code

If you do not work for a school, you can just use the Lite Plan services at no charge.

Alternatively, you can click on **Add credit card** to enable access to Standard Plan services.

You may get \$200 of credit in your account if you do this. Refer to IBM Cloud for current promotions for new accounts.

1.
Create your IBM Cloud account

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Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

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Resource list - IBM Cloud

https://cloud.ibm.com/resources

IBM Cloud Search resources and offerings... Catalog Docs Support Manage Teacher Demo's Account

Create resource

Account Billing and usage Access (IAM)

Resource list

Name Group Location Tags

Filter by name or IP address... Filter by group or org... Filter... Filter... Filter...

> Devices (0)

> Kubernetes Clusters (0)

> Cloud Foundry Apps (0)

> Cloud Foundry Services (0)

< Services (2)

Put Another Name In Here	Default	Dallas	Provisioned	--	•••
Put Any Name In Here	Default	London	Provisioned	--	•••

> Storage (0)

> Cloud Foundry Enterprise Environments (0)

> Apps (0)

FEEDBACK

The Billing and usage pages will let you keep track of your usage of Watson services.

1. Create your IBM Cloud account
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3. Create credentials for images projects
4. Billing