

Go to <https://console.bluemix.net>

Click on 'Create a free account'

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

78% Mon 2 Jul 22:03

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/?target=%2Fdashboard%2Fapps

IBM Cloud

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 Pay-As-You-Go, 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 platform services only.

Ready to get started? Sign up today!

Cookie Preferences

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](#)

Email*

First Name*

Last Name*

Country or Region*

United Kingdom

Password*

Please keep me informed of products, services and offerings from IBM companies worldwide.

by email. by telephone. By submitting this form I agree that IBM may process my data in the manner indicated above and as described in IBM's Privacy Terms and Conditions.

Privacy - Terms and Conditions

Sign up for a free account at
“IBM Cloud”

Chrome File Edit View History Bookmarks People Window Help

78% Mon 2 Jul 22:04

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/?target=%2Fdashboard%2Fapps

IBM Cloud

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 Pay-As-You-Go, 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 platform services only.

Ready to get started? Sign up today!

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](#)

Email* mlforkids.teacher@gmail.com

First Name* Teacher

Last Name* Demo

Country or Region* United Kingdom

Password* 

Please keep me informed of products, services and offerings from IBM companies worldwide.  Privacy - Terms

by email. by telephone. By submitting this form I agree that IBM may process my data in the manner indicated above and as described in IBM's Privacy.

Fill in your contact details

Sign up for IBM Cloud X

Secure | https://console.bluemix.net/registration/?target=%2Fdashboard%2Fapps

IBM Cloud

First Name* ✓
Teacher

Sign up for an IBMid and create your IBM Cloud account

Build on IBM Cloud for free no time restrictions

Guaranteed free development with Lite plans
Develop worry-free and at no cost with cap based Lite plan see you like.

Start on your projects right away
Skip entering your credit card info and get working in just a few

Get a \$200 credit when you upgrade
After you upgrade to Pay-As-You-Go, you can use the credit to scale your projects. The credit is valid for 1 month and can be services only.

Ready to get started? Sign up today!

Select all images with traffic lights

VERIFY

C i

d of products, services and offerings from IBM companies

ephone. By submitting this form I agree that IBM may nanner indicated above and as described in [IBM's Privacy Conditions](#).

Privacy - Terms

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

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

77% Mon 2 Jul 22:06

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/trial/success/?uid=367db05c536f4a16ab9e11fc4f7c773c

You've signed up.

Wait for the confirmation email.

IBM Cloud

Thanks!

To complete your registration, check your email.

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

Cookie Preferences

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

All Mail - mlforkids.teacher@gmail.com

Secure | https://mail.google.com/mail/#all

Google

Gmail

Compose

Inbox (1)

Starred

Sent Mail

Drafts

Less ▾

Important

0 GB (0%) of 15 GB used

Manage

Terms · Privacy · Program Policies

Teacher

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

Inbox Action required: Confirm your IBM Cloud account - Hello Teacher, Thank you for signing up for IBM Cloud! 10:07 pm

Your email should arrive within a minute.

Action required: Confirm your IBM Cloud account

Secure | https://mail.google.com/mail/#all/1645cd2c0ca98ed5

Google

Gmail

Compose

Inbox

Starred

Sent Mail

Drafts

Less ▾

Important

Chats

Teacher

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@bluemix.net via sendgrid.softlayer.com to me 10:07 PM (0 minutes ago)

Hello Teacher,

Thank you for signing up for IBM Cloud! Your **30-day trial is free**, with no credit card required. You get access to 2 GB of runtime and container memory to run apps, unlimited IBM services and APIs, and complimentary support.

[Confirm Account](#)

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

If you have problems logging in, go to [IBM Cloud Support](#) to contact us. We look forward to seeing what you create!

—

Thank you,

IBM Cloud

Click the “Confirm Account” button in your email.

Chrome File Edit View History Bookmarks People Window Help

77% Mon 2 Jul 22:09

Sign up for IBM Cloud

Secure | https://console.bluemix.net/registration/accept

Your IBM Cloud account is now live.

Click the “Log in” button.

IBM Cloud

Success!

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

Log in

Cookie Preferences

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

76% Mon 2 Jul 22:10

IBMid - Sign in or create an IBM ID

Secure | https://idaas.iam.ibm.com/idaas/mtfim/sps/authsvc?PolicyId=urn:ibm:security:authentication:asf:basicldapuser

Use the email address you used to
create your IBM Cloud account.

Sign in to IBM

Enter IBMID

[Forgot your IBMID?](#)

mlforkids.teacher@gmail.com

Remember me

[Continue](#)

New? [Create an IBMID.](#)

Contact Privacy Terms of use Accessibility

1.
**Create your IBM Cloud
account**

2.
**Create credentials
for text projects**

3.
**Create credentials
for images projects**

4.
Billing

Enter your password.

Sign in to IBM

IBMid: **mlforkids.teacher@gmail.com**

Password

[Forgot your password?](#)

Sign in

[Use a different IBMid or email](#)

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

76% Mon 2 Jul 22:12

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps/ Catalog Docs Support Manage

IBM Cloud

Dashboard

RESOURCE GROUP CLOUD FOUNDRY ORG CLOUD FOUNDRY SPACE LOCATION CATEGORY

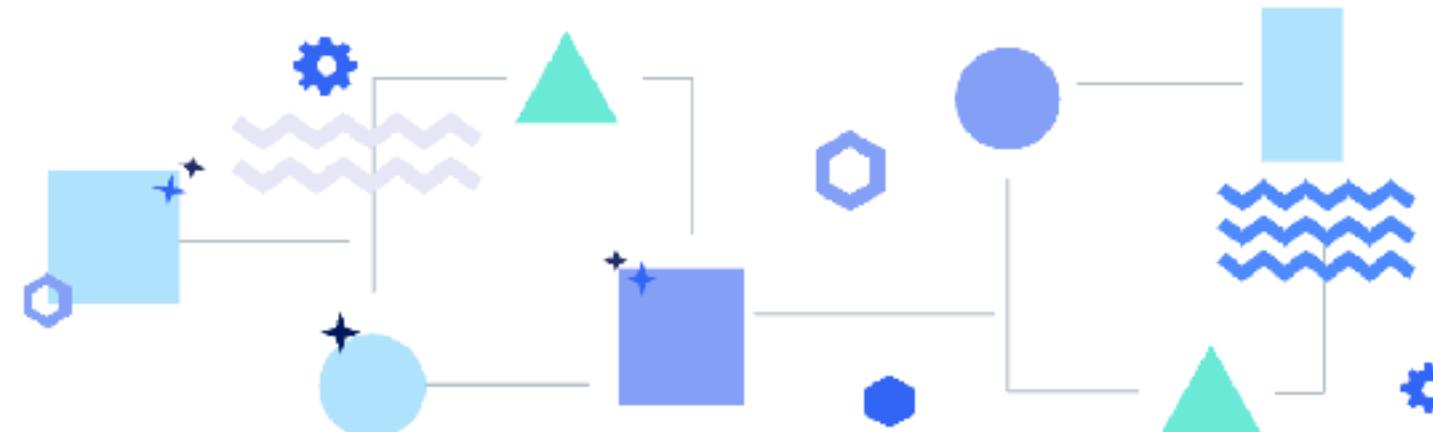
All Resources All Organizations All Spaces All Locations All Categories

Filter by resource name...

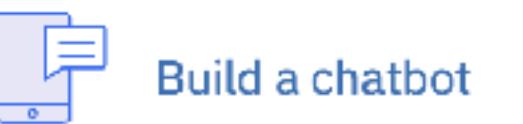
Create resource

Fast-track your app development

Get a preview of what IBM Cloud can do for you. Go from prototype to production in minutes with our starter kits and solution tutorials. Check out some of our popular examples.



FEEDBACK



Build a chatbot

Starter Kit · Lite Services · IBM
Add a natural language interface to your application.

Create chatbot



Deploy React and Node.js

Starter Kit · Lite Services · IBM
Create a dynamic web app by using React, Express.js, Gulp, Webpack, and more.

Create app



Work with enterprise data

Tutorials · Lite Services · IBM
Deploy a large data set to an SQL database service, and access it from a Python app.

View solution tutorial

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

76% Mon 2 Jul 22:12

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps/ Catalog Docs Support Manage

IBM Cloud

Dashboard

RESOURCE GROUP CLOUD FOUNDRY ORG CLOUD FOUNDRY SPACE LOCATION CATEGORY

All Resources All Organizations All Spaces All Locations All Categories

Filter by resource name...

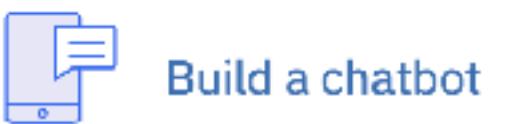
Create resource

Fast-track your app development

Get a preview of what IBM Cloud can do for you. Go from prototype to production in minutes with our starter kits and solution tutorials. Check out some of our popular examples.



FEEDBACK



Starter Kit · Lite Services · IBM

Add a natural language interface to your application.

Create chatbot



Deploy React and Node.js

Starter Kit · Lite Services · IBM

Create a dynamic web app by using React, Express.js, Gulp, Webpack, and more.

Create app



Work with enterprise data

Tutorials · Lite Services · IBM

Deploy a large data set to an SQL database service, and access it from a Python app.

View solution tutorial

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

Catalog - IBM Cloud

Secure | https://console.bluemix.net/catalog/?search=label:lite

IBM Cloud

Catalog Docs Support Manage

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.

All Categories (48) >

label:lite Filter

Infrastructure (2)

Compute

Storage (1)

Network

Security

Containers (1)

VMware

Platform (46)

Boilerplates (5)

APIs (1)

Application Services

Blockchain

Cloud Foundry Apps (10)

Data & Analytics (6)

DevOps (5)

Finance

Functions

Integrate (2)

Infrastructure

Storage

Object Storage

Provides flexible, cost-effective, and scalable cloud storage for

Lite IBM

Feedback

Containers

Get started by creating a Kubernetes cluster, or manage your Docker images in the registry.

Container Registry

Store and distribute Docker container images with this fully managed priv

Lite IBM

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

75% Mon 2 Jul 22:14

Catalog - IBM Cloud

Secure | https://console.bluemix.net/catalog/?search=label:lite%20Assistant

IBM Cloud

Catalog Docs Support Manage

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.

All Categories (1) >

label:lite Assistant Filter

Infrastructure

Compute

Storage

Network

Security

Containers

VMware

Platform (1)

Boilerplates

APIs

Application Services

Blockchain

Cloud Foundry Apps

Data & Analytics

DevOps

Finance

Functions

Integrate

Watson

Build cognitive apps that help enhance, scale, and accelerate human expertise.

Watson Assistant (formerly Conversation)

Add a natural language interface to your application to automate

Lite IBM

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”

Chrome File Edit View History Bookmarks People Window Help

Watson Assistant (formerly Co... X

Secure | https://console.bluemix.net/catalog/services/watson-assistant-formerly-conversation

Catalog Docs Support Manage

IBM Cloud

View all

Watson Assistant (formerly Conversation)

Add a natural language interface to your application to automate interactions with your end users. Common applications include virtual agents and chat bots that can integrate and communicate on any channel or device. Train Watson Assistant service through an easy-to-use web application, designed so you can quickly build natural conversation flows between your apps and users, and deploy scalable, cost effective solutions.

Lite IBM

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

AUTHOR IBM
PUBLISHED 22/05/2018
TYPE Service

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

Estimate Monthly Cost
[Cost Calculator](#)

Create

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 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.

FEEDBACK

Chrome File Edit View History Bookmarks People Window Help

Watson Assistant (formerly Co... X

Secure | https://console.bluemix.net/catalog/services/watson-assistant-formerly-conversation

IBM Cloud

Catalog Docs Support Manage

[View all](#)

Watson Assistant (formerly Conversation)

Add a natural language interface to your application to automate interactions with your end users. Common applications include virtual agents and chat bots that can integrate and communicate on any channel or device. Train Watson Assistant service through an easy-to-use web application, designed so you can quickly build natural conversation flows between your apps and users, and deploy scalable, cost effective solutions.

Lite IBM

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

AUTHOR IBM
PUBLISHED 22/05/2018
TYPE Service

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

Estimate Monthly Cost
[Cost Calculator](#)

74% Mon 2 Jul 22:19

Service name:

Put Any Name In Here

Choose a region/location to deploy in:

US East

Sydney

Germany

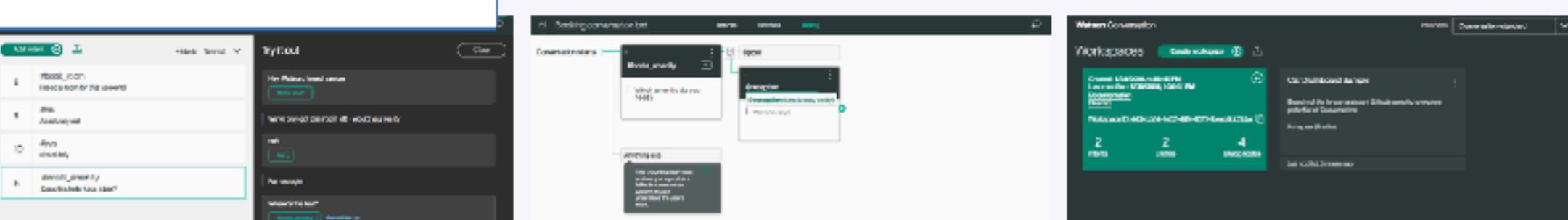
United Kingdom

US South

Select a resource group:

Default

en captures, slides, or videos. Screen caps show the user interface for the service after it



Create

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 Assistant service that you will create

Choose “US East” or “Sydney” from the “Choose a region/location to deploy in” list.

Other regions will work too, but will need you to set up a Cloud Foundry space first. Going with US East or Sydney is simpler.

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

Chrome File Edit View History Bookmarks People Window Help

Watson Assistant (formerly Co...)

Secure | https://console.bluemix.net/catalog/services/watson-assistant-formerly-conversation

Catalog Docs Support Manage

IBM Cloud

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	10,000 API Calls per Month* Up to 5 Workspaces Up to 100 Intents Up to 25 Entities *POST /message method calls only	Free
Standard	Unlimited API queries per month Up to 20 Workspaces Up to 2000 Intents Up to 1000 Entities Shared Public Cloud *POST /message method calls only	£0.001617 GBP/API call*
Premium	Premium Plans offer developers and organizations a single tenant instance of one or more Watson services	

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

Estimate Monthly Cost
[Cost Calculator](#)

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 number of “Workspaces” 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 workspaces.

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

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

Watson Assistant (formerly Co... X

Secure | https://console.bluemix.net/catalog/services/watson-assistant-formerly-conversation

IBM Cloud

Catalog Docs Support Manage

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	10,000 API Calls per Month* Up to 5 Workspaces Up to 100 Intents Up to 25 Entities *POST /message method calls only	Free
Standard	Unlimited API queries per month Up to 20 Workspaces Up to 2000 Intents Up to 1000 Entities Shared Public Cloud *POST /message method calls only	£0.001617 GBP/API call*

Feedback

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

Estimate Monthly Cost
[Cost Calculator](#)

This plan is not available with your current account type.
Upgrade to a Pay-As-You-Go account and receive a \$260 credit.

Upgrade

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

The “Standard” plan lets you have up to 20 workspaces.
Each one 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.

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 (formerly Co...)

Secure | https://console.bluemix.net/catalog/services/watson-assistant-formerly-conversation

Catalog Docs Support Manage

IBM Cloud

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

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	10,000 API Calls per Month* Up to 5 Workspaces Up to 100 Intents Up to 25 Entities *POST /message method calls only	Free
Standard	Unlimited API queries per month Up to 20 Workspaces Up to 2000 Intents Up to 1000 Entities Shared Public Cloud *POST /message method calls only	£0.001617 GBP/API call*
Premium	Premium Plans offer developers and organizations a single tenant instance of one or more Watson services	

FEEDBACK

Need Help?

[Contact IBM Cloud Sales](#)

Estimate Monthly Cost

[Cost Calculator](#)

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

73% Mon 2 Jul 22:22

IBM Watson Service Page

Secure | https://console.bluemix.net/services/conversation/crn%3Av1%3Abluemix%3Apublic%3Aconversation%3Aus-east%3Aa%2F367db05c536f4a16ab9e11fc4f7c77...

IBM Cloud Catalog Docs Support Manage

Watson / Assistant : Put Any Name In Here

Resource Group: Default Location: US East

Get started with the service.

Plan: free Upgrade

Launch tool Getting started tutorial API reference

Credentials

Show Configure credentials

```
{  
  "apikey": ".....",  
  "iam_apikey_description": "Auto generated apikey during resource-key operation for I",  
  "iam_apikey_name": "auto-generated-apikey-3b56c26b-53cc-4fcda2bc-e7aac0c32f19",  
  "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager",  
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/367db05c536f4a16ab9e11fc4",  
  "url": "https://gateway-wdc.watsonplatform.net/assistant/api"  
}
```

Let's talk

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

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

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

72% Mon 2 Jul 22:24

IBM Watson Service Page

Secure | https://console.bluemix.net/services/conversation/crn%3Av1%3Abuemix%3Apublic%3Aconversation%3Aus-east%3Aa%2F367db05c536f4a16ab9e11fc4f7c77...

IBM Cloud Catalog Docs Support Manage

Watson /

Assistant : Put Any Name In Here

Resource Group: Default Location: US East

Get started with the service.

Plan: free [Upgrade](#)

[Launch tool](#) [Getting started tutorial](#) [API reference](#)

Credentials

[Hide](#) [Configure credentials](#)

```
{ "apikey": "Uht9XdcnInI5P64KdeovFqtXKjCEIuwfSgsXI1KkXlg", "iam_apikey_description": "Auto generated apikey during resource-key operation for IBM Cloud", "iam_apikey_name": "auto-generated-apikey-3b56c26b-53cc-4fcda2bc-e7aac0c32f19", "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager", "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/367db05c536f4a16ab9e11fc4f7c77", "url": "https://gateway-wdc.watsonplatform.net/assistant/api" }
```

Let's talk

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

Chrome File Edit View History Bookmarks People Window Help

72% Mon 2 Jul 22:25

IBM Watson Service Page

Secure | https://console.bluemix.net/services/conversation/crn%3Av1%3Abuemix%3Apublic%3Aconversation%3Aus-east%3Aa%2F367db05c536f4a16ab9e11fc4f7c77...

Catalog Docs Support Manage

Watson /

Assistant : Put Any Name In Here

Resource Group: Default Location: US East

Get started with the service.

Plan: free [Upgrade](#)

[Launch tool](#) [Getting started tutorial](#) [API reference](#)

Credentials

[Hide](#) [Configure credentials](#)

```
{  
  "apikey": "Uht9XdcnninI5P64KdeovFqtXKjCEIuwfSgsXI1KkXlg",  
  "iam_apikey_description": "Auto generated apikey during resource-key operation for Ir",  
  "iam_apikey_name": "auto-generated-apikey-3b56c26b-53cc-4fcda2bc-e7aac0c32f19",  
  "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager",  
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/367db05c536f4a16ab9e11fc4",  
  "url": "https://gateway-wdc.watsonplatform.net/assistant/api"  
}
```

[Let's talk](#)

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 “Dashboard”

Chrome File Edit View History Bookmarks People Window Help

72% Mon 2 Jul 22:26

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps

IBM Cloud

Catalog Docs Support Manage

Dashboard

RESOURCE GROUP CLOUD FOUNDRY ORG CLOUD FOUNDRY SPACE LOCATION CATEGORY

All Resources All Organizations All Spaces All Locations All Categories

Filter by resource name... Create resource

Services

Name	Location	Resource Group	Plan	Details	Service Offering
Put Any Name In Here	US East	Default	Lite	Provisioned	Watson Assistant

FEEDBACK

The Dashboard 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.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

You can skip to Section 3 to create credentials for images projects now.

Watson Assistant (formerly Co... X

Secure | https://console.bluemix.net/catalog/services/watson-assistant-formerly-conversation

IBM Cloud Catalog Docs Support Manage

[View all](#)

Watson Assistant (formerly Conversation)

Add a natural language interface to your application to automate interactions with your end users. Common applications include virtual agents and chat bots that can integrate and communicate on any channel or device. Train Watson Assistant service through an easy-to-use web application, designed so you can quickly build natural conversation flows between your apps and users, and deploy scalable, cost effective solutions.

Service name: If-You-Choose-A-Location-That-Needs-A-Space

Choose a region/location to deploy in: United Kingdom

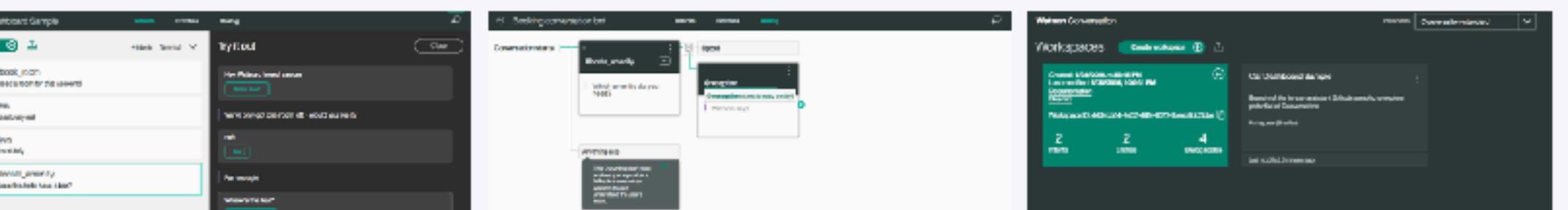
Choose an organization: mlforkids.teacher@gmail.c...

Choose a space: demo

FEEDBACK

Images

Click an image to enlarge and view screen captures, slides, or videos. Screen caps show the user interface for the service after it has been provisioned.



Lite IBM

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

AUTHOR IBM
PUBLISHED 22/05/2018
TYPE Service

Need Help? [Contact IBM Cloud Sales](#) [Estimate Monthly Cost](#) [Cost Calculator](#)

Create

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

If you create a Cloud Foundry space with the “Manage” -> “Account” -> “Cloud Foundry Orgs” menu, you’ll be able to create a Watson Assistant instance in that region.

You can skip to Section 3 to create credentials for images projects now.

Watson Assistant (formerly Co

Secure | https://console.bluemix.net/catalog/services/watson-assistant-formerly-conversation

IBM Cloud Catalog Docs Support Manage

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	10,000 API Calls per Month* Up to 5 Workspaces Up to 100 Intents Up to 25 Entities *POST /message method calls only	Free
Standard	Unlimited API queries per month Up to 20 Workspaces Up to 2000 Intents Up to 1000 Entities Shared Public Cloud *POST /message method calls only	£0.001617 GBP/API call*
Premium	Premium Plans offer developers and organizations a single tenant instance of one or more Watson services	

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.

FEEDBACK

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

Estimate Monthly Cost
[Cost Calculator](#)

Create

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

If you create a Cloud Foundry space with the “Manage” -> “Account” -> “Cloud Foundry Orgs” menu, you’ll be able to create a Watson Assistant instance in that region.

Pricing is the same for these regions.

You can skip to Section 3 to create credentials for images projects now.

Chrome File Edit View History Bookmarks People Window Help

70% Mon 2 Jul 22:33

IBM Watson Service Page

Secure | https://console.bluemix.net/services/conversation/7db28b88-2788-40ea-8618-c393dd463de2/?panelId=manage&new=true&env_id=ibm:yp:eu-gb&org=d96...

IBM Cloud

Catalog Docs Support Manage

Watson /

Assistant : If-You-Choose-A-Location-That-Needs...

Location: United Kingdom Org: mlforkids.teacher@gmail.com Space: demo

Get started with the service.

Plan: free [Upgrade](#)

[Launch tool](#) [Getting started tutorial](#) [API reference](#)

Credentials [Hide](#) [Configure credentials](#)

```
{ "url": "https://gateway.watsonplatform.net/assistant/api", "username": "a895ebf2-3c0d-43ee-af9e-9918e29c525b", "password": "m5X0IhBuMqRM" }
```

Let's talk

This screenshot shows the IBM Watson Service Page for a specific instance. The instance name is 'Assistant : If-You-Choose-A-Location-That-Needs...'. It is located in the United Kingdom, associated with the org 'mlforkids.teacher@gmail.com' and space 'demo'. The service is currently on a 'free' plan. Below the instance details, there is a 'Credentials' section displaying JSON configuration. The JSON object contains three fields: 'url' (set to 'https://gateway.watsonplatform.net/assistant/api'), 'username' (set to 'a895ebf2-3c0d-43ee-af9e-9918e29c525b'), and 'password' (set to 'm5X0IhBuMqRM'). A 'Launch tool' button is visible, along with links for 'Getting started tutorial' and 'API reference'. At the bottom right of the main panel is a yellow 'Let's talk' button.

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

If you create a Cloud Foundry space with the “Manage” -> “Account” -> “Cloud Foundry Orgs” menu, you’ll be able to create a Watson Assistant instance in that region.

When you click create, you’ll get a username & password instead of an “apikey”.

machinelearningforkids.co.uk can use these as well as apikeys.

Copy the “username” & “password” values to use later.

You can skip to Section 3 to create credentials for images projects now.

Chrome File Edit View History Bookmarks People Window Help

68% Mon 2 Jul 22:38

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps

IBM Cloud

Catalog Docs Support Manage

Dashboard

RESOURCE GROUP
All Resources

CLOUD FOUNDRY ORG
All Organizations

CLOUD FOUNDRY SPACE
All Spaces

LOCATION
All Locations

CATEGORY
All Categories

Filter by resource name...

Create resource

Cloud Foundry Services

Name	Region	CF Org	CF Space	Plan	⋮
If-You-Choose-A-Location-That-Needs-A-Space	United Kingdom	mlforkids.teacher@i...	demo	Lite	⋮

Services

Name	Location	Resource Group	Plan	Details	Service Offering	⋮
Put Any Name In Here	US East	Default	Lite	Provisioned	Watson Assistant	⋮

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

The Dashboard shows the services that you've created.

Each time you click “Create resource” to create another Watson Assistant service, you’ll see all of them in the list here.

FEEDBACK

Chrome File Edit View History Bookmarks People Window Help

64% Mon 2 Jul 22:53

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps

IBM Cloud

Catalog Docs Support Manage

Dashboard

RESOURCE GROUP
All Resources

CLOUD FOUNDRY ORG
All Organizations

CLOUD FOUNDRY SPACE
All Spaces

LOCATION
All Locations

CATEGORY
All Categories

Filter by resource name...

Create resource

Cloud Foundry Services

Name	Region	CF Org	CF Space	Plan	⋮
If-You-Choose-A-Location-That-Needs-A-Space	United Kingdom	mlforkids.teacher@i...	demo	Lite	⋮

Services

Name	Location	Resource Group	Plan	Details	Service Offering	⋮
Put Any Name In Here	US East	Default	Lite	Provisioned	Watson Assistant	⋮
a-third-Assistant-instance	Sydney	Default	Lite	Provisioned	Watson Assistant	⋮

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

The Dashboard shows the services that you've created.

Creating a Lite instance in each location / region is a good way to get a few instances (each supporting 5 machine learning models) for free

FEEDBACK

Catalog - IBM Cloud

Secure | https://console.bluemix.net/catalog/?search=label:lite

IBM Cloud

Catalog Docs Support Manage

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.

All Categories (48) >

label:lite Filter

Infrastructure (2)

Compute

Storage (1)

Network

Security

Containers (1)

VMware

Platform (46)

Boilerplates (5)

APIs (1)

Application Services

Blockchain

Cloud Foundry Apps (10)

Data & Analytics (6)

DevOps (5)

Finance

Functions

Integrate (2)

Infrastructure

Storage

Object Storage

Provides flexible, cost-effective, and scalable cloud storage for

Lite IBM

Feedback

Containers

Get started by creating a Kubernetes cluster, or manage your Docker images in the registry.

Container Registry

Store and distribute Docker container images with this fully managed priv

Lite IBM

Click “Create resource” in the top right of the dashboard

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

68% Mon 2 Jul 22:40

Catalog - IBM Cloud

Secure | https://console.bluemix.net/catalog/?search=label:lite%20visual%20rec

IBM Cloud

Catalog Docs Support Manage

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.

All Categories (1) >

label:lite visual rec Filter

Infrastructure

Compute

Storage

Network

Security

Containers

VMware

Platform (1)

Boilerplates

APIs

Application Services

Blockchain

Cloud Foundry Apps

Data & Analytics

DevOps

Finance

Functions

Integrate

Platform

Watson

Build cognitive apps that help enhance, scale, and accelerate human expertise.

Visual Recognition

Find meaning in visual content!
Analyze images for scenes, objects.

Lite IBM

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

67% Mon 2 Jul 22:41

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition

Catalog Docs Support Manage

IBM Cloud

View all

Visual Recognition

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.

Lite IBM

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

AUTHOR IBM
PUBLISHED 02/07/2018
TYPE Service

Service name:

put-another-name-in-here

Choose a region/location to deploy in:

US South

Select a resource group:

Default

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.

Features

- General Model

Generate class 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

- Food Model (Public Beta)

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

- Explicit Model (Public Beta)

Assess whether an image contains objectionable or

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

Estimate Monthly Cost
[Cost Calculator](#)

Create

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

67% Mon 2 Jul 22:42

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition

Catalog Docs Support Manage

IBM Cloud

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	<p>1,000 Events per month towards:</p> <p>Pre-trained model classification (General, Face) (images)</p> <p>Custom Model classification (images)</p> <p>Custom Model training (images)</p> <p>2 Custom Models</p> <p>1 Lite Plan instance per IBM Cloud Organization</p> <p>Free Exports to Core ML.</p>	Free
Standard	<p>Image Tagging Events Pay per Use</p> <p>Face Detection Events Pay per Use</p> <p>Training Events Pay per Use</p> <p>Custom Tagging Events Pay per Use</p>	<p>£0.00121 GBP/GeneralTagging</p> <p>£0.002418 GBP/FaceRecognition</p> <p>£0.0647 GBP/Training</p> <p>£0.001319 GBP/CustomTagging</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.

Lite plan services are deleted after 30 days of inactivity.

Pricing Plans are at the bottom.

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

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

Need Help?

[Contact IBM Cloud Sales](#)

[Estimate Monthly Cost](#)

[Cost Calculator](#)

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

67% Mon 2 Jul 22:43

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition

Catalog Docs Support Manage

IBM Cloud

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	1,000 Events per month towards: Pre-trained model classification (General, Face) (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	£0.00121 GBP/GeneralTagging £0.002418 GBP/FaceRecognition £0.0647 GBP/Training £0.001319 GBP/CustomTagging

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.

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

Estimate Monthly Cost
[Cost Calculator](#)

This plan is not available with your current account type.
Upgrade to a Pay-As-You-Go account and receive a \$260 credit.

Upgrade

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

67% Mon 2 Jul 22:42

Visual Recognition - IBM Cloud ×

Secure | https://console.bluemix.net/catalog/services/visual-recognition

Catalog Docs Support Manage

IBM Cloud

Pricing Plans

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

PLAN	FEATURES	PRICING
Lite	<p>1,000 Events per month towards:</p> <p>Pre-trained model classification (General, Face) (images)</p> <p>Custom Model classification (images)</p> <p>Custom Model training (images)</p> <p>2 Custom Models</p> <p>1 Lite Plan instance per IBM Cloud Organization</p> <p>Free Exports to Core ML.</p>	Free
Standard	<p>Image Tagging Events Pay per Use</p> <p>Face Detection Events Pay per Use</p> <p>Training Events Pay per Use</p> <p>Custom Tagging Events Pay per Use</p>	<p>£0.00121 GBP/GeneralTagging</p> <p>£0.002418 GBP/FaceRecognition</p> <p>£0.0647 GBP/Training</p> <p>£0.001319 GBP/CustomTagging</p>

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

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

Estimate Monthly Cost
[Cost Calculator](#)

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

66% Mon 2 Jul 22:45

IBM Watson Service Page

Secure | https://console.bluemix.net/services/watson-vision-combined/crn%3Av1%3Abuemix%3Apublic%3Awatson-vision-combined%3Aus-south%3Aa%2F367db05c...

IBM Cloud Catalog Docs Support Manage

Watson /

Visual Recognition : put-another-name-in-here

Resource Group: Default Location: US South

Get started with the service.

Plan: lite [Upgrade](#)

[Launch tool](#) [Getting started tutorial](#) [API reference](#)

Credentials

[Show](#) [Configure credentials](#)

```
{  
  "apikey": ".....",  
  "iam_apikey_description": "Auto generated apikey during resource-key operation for I",  
  "iam_apikey_name": "auto-generated-apikey-c5959a76-bf10-4540-ab72-be9cb813f8a3",  
  "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager",  
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/367db05c536f4a16ab9e11fc4",  
  "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

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

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

Chrome File Edit View History Bookmarks People Window Help

65% Mon 2 Jul 22:48

IBM Watson Service Page

Secure | https://console.bluemix.net/services/watson-vision-combined/crn%3Av1%3Abuemix%3Apublic%3Awatson-vision-combined%3Aus-south%3Aa%2F367db05c...

IBM Cloud Catalog Docs Support Manage

Watson /

Visual Recognition : put-another-name-in-here

Resource Group: Default Location: US South

Get started with the service.

Plan: lite [Upgrade](#)

[Launch tool](#) [Getting started tutorial](#) [API reference](#)

Credentials [Hide](#) [Configure credentials](#)

```
{ "apikey": "Lr5sNHUP6vEbRUi7zeJLXfm2uE3xpzUs8eEXzq4RqZ3Q", "iam_apikey_description": "Auto generated apikey during resource-key operation for IBM Cloud", "iam_apikey_name": "auto-generated-apikey-c5959a76-bf10-4540-ab72-be9cb813f8a3", "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager", "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/367db05c536f4a16ab9e11fc4", "url": "https://gateway.watsonplatform.net/visual-recognition/api" }
```

Copy the “apikey” value.

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

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

65% Mon 2 Jul 22:49

IBM Watson Service Page

Secure | https://console.bluemix.net/services/watson-vision-combined/crn%3Av1%3Abuemix%3Apublic%3Awatson-vision-combined%3Aus-south%3Aa%2F367db05c...

Catalog Docs Support Manage

Watson /

Visual Recognition : put-another-name-in-here

Resource Group: Default Location: US South

Get started with the service.

Plan: lite [Upgrade](#)

[Launch tool](#) [Getting started tutorial](#) [API reference](#)

Credentials [Hide](#) [Configure credentials](#)

```
{  
  "apikey": "Lr5sNHUP6vEbRUi7zeJLXfm2uE3xpzUs8eEXzq4RqZ3Q",  
  "iam_apikey_description": "Auto generated apikey during resource-key operation for Ir",  
  "iam_apikey_name": "auto-generated-apikey-c5959a76-bf10-4540-ab72-be9cb813f8a3",  
  "iam_role_crn": "crn:v1:bluemix:public:iam::::serviceRole:Manager",  
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/367db05c536f4a16ab9e11fc4",  
  "url": "https://gateway.watsonplatform.net/visual-recognition/api"  
}
```

<https://console.bluemix.net/dashboard/apps>

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 “Dashboard”

Chrome File Edit View History Bookmarks People Window Help

65% Mon 2 Jul 22:50

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps

IBM Cloud

Catalog Docs Support Manage

Dashboard

RESOURCE GROUP	CLOUD FOUNDRY ORG	CLOUD FOUNDRY SPACE	LOCATION	CATEGORY	Filter by resource name...	Create resource
All Resources	All Organizations	All Spaces	All Locations	All Categories	Filter by resource name...	Create resource

Cloud Foundry Services

Name	Region	CF Org	CF Space	Plan	⋮
If-You-Choose-A-Location-That-Needs-A-Space	United Kingdom	mlforkids.teacher@i...	demo	Lite	⋮

Services

Name	Location	Resource Group	Plan	Details	Service Offering	⋮
Put Any Name In Here	US East	Default	Lite	Provisioned	Watson Assistant	⋮
put-another-name-in-here	US South	Default	Lite	Provisioned	Visual Recognitio...	⋮

1.
Create your IBM Cloud account

2.
Create credentials for text projects

3.
Create credentials for images projects

4.
Billing

The Dashboard shows the services that you've created.

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

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

To recap, the prices...

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 the definitive prices, refer to the 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 **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 the definitive prices, refer to the 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 the definitive prices, refer to the 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 the definitive prices, refer to the 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 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

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

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 **images**

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

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

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

Example 5:
A large class working on an images project

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

If you're willing to fill out another form, there are programmes that you can request free use of the Watson services for academic usage.

The following slides explain the two programmes that I'm aware of.

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 Visual Recognition | NL X

Secure | https://alchemy-vr-requests.mybluemix.net

54% Mon 2 Jul 23:26



Visual Recognition & Natural Language Understanding

request changes to your service

To request free use of the Visual Recognition service for academic use...

Visit alchemy-vr-requests.mybluemix.net

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 Visual Recognition | NL X

Secure | https://alchemy-vr-requests.mybluemix.net

To request free use of the Visual Recognition service for academic use...

Fill in the form for an Academic API key

Academic API Key

FOR STUDENTS & ACADEMIC LEADERS

If you're a full-time student or teacher and would like to experiment or research with the power of Natural Language Understanding or Visual Recognition you can request to have your existing API key enhanced.

* A student or academic institutions email domain is required. Commercial email IDs such as Gmail and others will not be considered.

APPLY HERE

Full name

Your full name

Required field*

Email address

Enter email

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

53% Mon 2 Jul 23:29

IBM Academic Initiative | Academic

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

Home | Help | English

Sign In | Register

IBM

Product Search

Faculty/Staff Students

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

Cloud Access Courses Software

IBM Cloud Bluelocks Live Power Systems Academic Cloud IBM Z

IBM Cloud

IBM Cloud Private Community Edition

IBM Code

Open Source at IBM

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>

Chrome File Edit View History Bookmarks People Window Help

53% Mon 2 Jul 23:30

IBM Academic Initiative | Academic

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

Home | Help | English

Sign In | Register

IBM

Product Search

Faculty/Staff Students

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

Cloud Software

IBM Cloud Blaworks Live Power Systems Academic Cloud IBM Z

IBM Cloud

Cloud access

Cloud access

Cloud access

IBM Cloud Private Community Edition

IBM Code

Open Source at IBM

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.

https://ibm.onthehub.com/WebStore/ProductsByMajorVersionList.aspx?cmi_mnuMain_child=0c6483a7-0f60-e611-9420-b8ca3a5db7a1&cmi_mnuMain=445a8b3f-5765-e611-9420-b8ca3a5db7a1

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"

Chrome File Edit View History Bookmarks People Window Help

53% Mon 2 Jul 23:31

IBM Academic Initiative | Academic

Secure | https://ibm.onthehub.com/WebStore/ProductsByMajorVersionList.aspx?cmi_mnuMain_child=0c6483a7-0f60-e611-9420-b8ca3a5db7a1&cmi_mnuMain=445a8b3f-5765-e611-9420-b8ca3a5db7a1&cmi_mnuMain_child=0c6483a7-0f60-e611-9420-b8ca3a5db7a1

Home | Help | English

Sign In | Register

IBM

Product Search

Faculty/Staff Students

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

Cloud Access Software

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

Cloud access

Cloud access

IBM Cloud

Watson on IBM Cloud

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.

https://ibm.onthehub.com/WebStore/OfferingsOfMajorVersionList.aspx?pmv=2363beb9-3063-e611-9420-b8ca3a5db7a1&cmi_mnuMain=445a8b3f-5765-e611-9420-b8ca3a5db7a1&cmi_mnuMain_child=0c6483a7-0f60-e611-9420-b8ca3a5db7a1

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 "Watson on IBM Cloud"

[Home](#) | [Help](#) | English[Sign In](#) | [Register](#)

Product Search

[Faculty/Staff](#) [Students](#)[Cloud](#) [Watson](#) [IoT](#) [Data & Analytics](#) [Security](#) [Blockchain](#) [IBM Z](#) [Power Systems](#) [Commerce](#) [Mobile](#) [Quantum](#) [More Resources](#)[Cloud Access](#) [Software](#)In addition to the valuable resource below, check out the [IBM Watson University Program](#).

Watson on IBM Cloud - 12 Month Promo Code

Manufacturer: IBM Academic Initiative Free

Delivery Type: Custom Delivery [Add to Cart](#)

Available to: Faculty/Staff

[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...

Chrome File Edit View History Bookmarks People Window Help

62% Mon 2 Jul 22:59

Dashboard - IBM Cloud

Secure | https://console.bluemix.net/dashboard/apps

IBM Cloud

Dashboard

RESOURCE GROUP CLOUD FOUNDRY ORG CLOUD FOUNDRY SPACE LOCATION CATEGORY

All Resources All Organizations All Spaces All Locations All Categories

Filt Billing Usage Privacy

Cloud Foundry Services

Name	Region	CF Org	CF Space	Plan
If-You-Choose-A-Location-That-Needs-A-Space	United Kingdom	mlforkids.teacher@i...	demo	Lite

Services

Name	Location	Resource Group	Plan	Details	Service Offering
Put Any Name In Here	US East	Default	Lite	Provisioned	Watson Assistant
a-third-Assistant-instance	Sydney	Default	Lite	Provisioned	Watson Assistant
put-another-name-in-here	US South	Default	Lite	Provisioned	Visual Recognitio...

https://console.bluemix.net/account/billing?accountId=367db05c536f4a16ab...

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

If you want to create more than one Visual Recognition service, or more than three Assistant services, you will need to provide a credit card.

Click on the Billing menu item in the top-right as shown.

Chrome File Edit View History Bookmarks People Window Help

100% 26 Nov 14:34

IBM Cloud Account

Secure | https://console.bluemix.net/account/billing?accountId=c5ba9eb379b3487ccdf50e133a5204a9

IBM Cloud

Catalog Docs Support Manage

Profile Platform Notifications Usage Dashboard Billing Cloud Foundry Orgs Resource Groups

Billing: Demo Teacher's Account

Account
Demo Teacher's Account 
ID: c5ba9eb379b3487ccdf50e133a5204a9

Account Type
Account TypeLite (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.

FEEDBACK

Get a \$200 credit when you upgrade
Enter your credit card to receive a limited offer promotional credit. The credit does not apply to infrastructure and third-party services.
[Add Credit Card](#)

1. Create your IBM Cloud account

2. Create credentials for text projects

3. Create credentials for images projects

4. Billing

If you want to create more than one Visual Recognition service, or more than three Assistant services, you will need to provide a credit card.

The “Usage Dashboard” and “Spending Notifications” pages here will let you keep track of your costs.