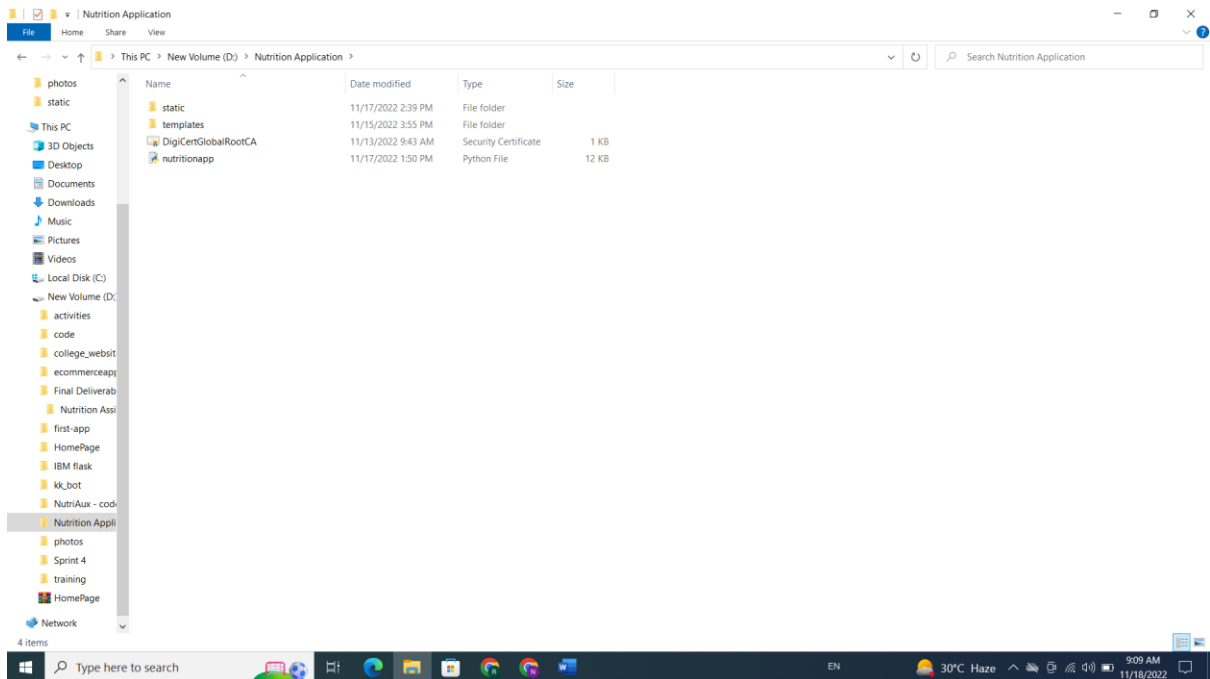
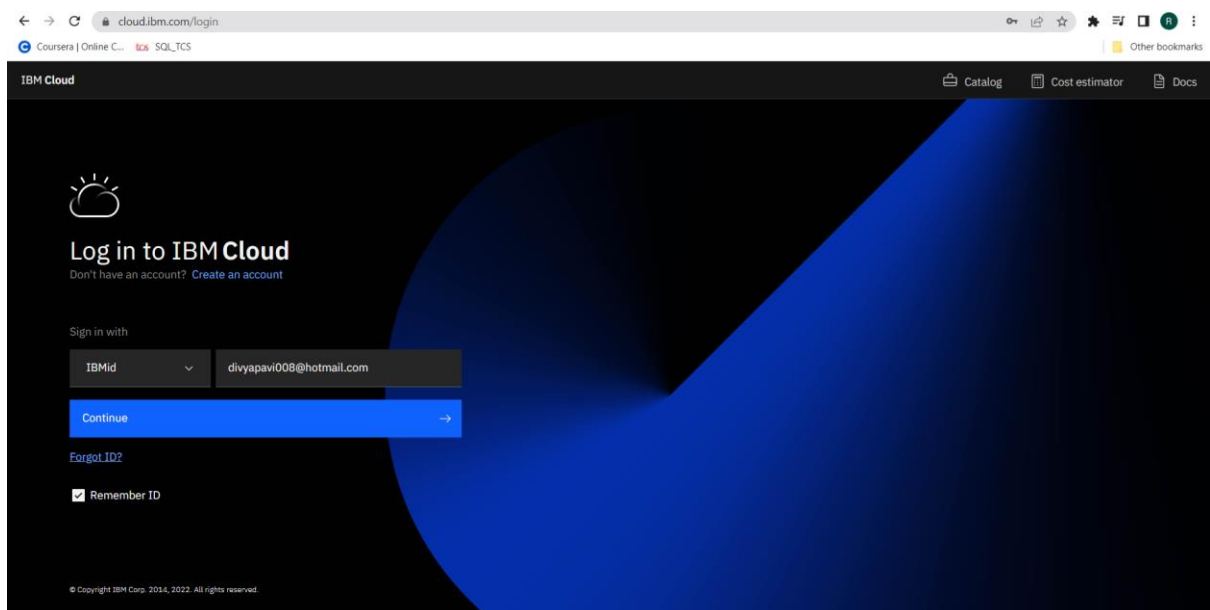


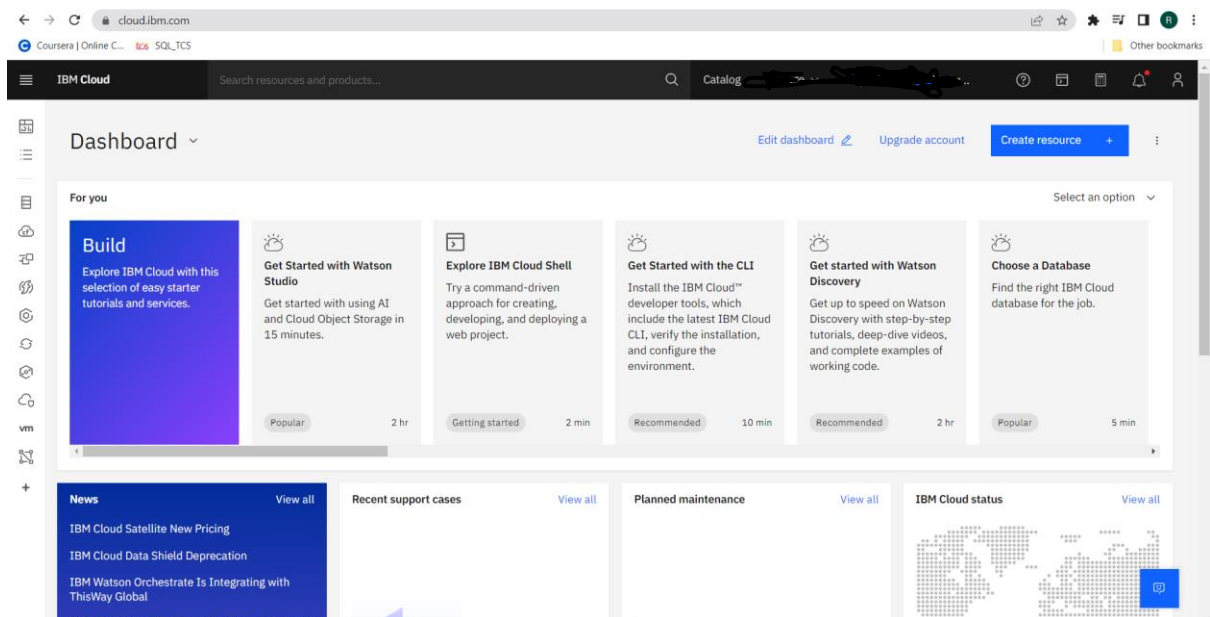
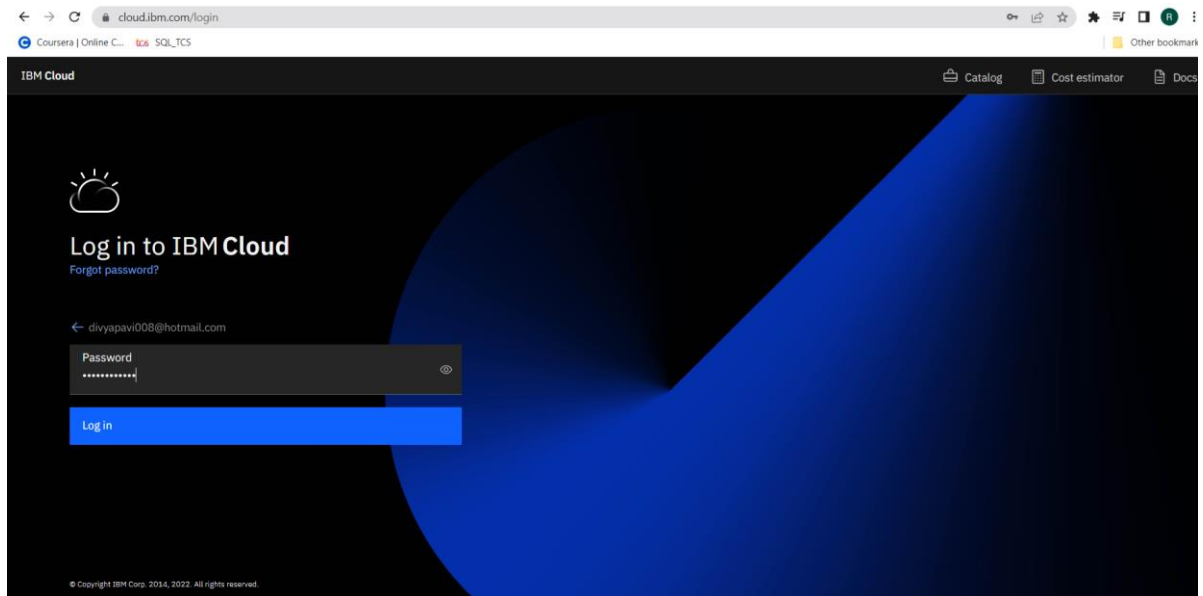
Title	Setting up Application Environment
Team ID	PNT2022TMID46444
Project Name	Project – Nutrition Assistant Application

Step 1: Create Flask Project



Step 2: Create IBM Cloud account





Step 3: Install IBM Cloud CLI

The screenshot shows the IBM Cloud CLI documentation page for installing the stand-alone CLI. The page is titled "Installing the stand-alone IBM Cloud CLI" and was last updated on 2022-09-08. It provides instructions for installing the CLI on various operating systems. A sidebar on the left contains a navigation menu with sections like "Get started", "Tutorials", and "How to". The main content area includes a "Before you begin" section with a tip about installing both the CLI and recommended plug-ins, and an "Installing with an installer" section with a list of steps. A right sidebar contains a "Before you begin" section with links to other installation methods and a "Feedback" button.

cloud.ibm.com/docs/cli?topic=cli-install-ibmcloud-cli

IBM Cloud CLI

Get started

- Getting started with the IBM Cloud CLI

Tutorials

- Creating and deploying apps by using the CLI

How to

- Installing the stand-alone IBM Cloud CLI
- Installing the tools and plug-ins manually
- Installing and using private endpoints
- Extending IBM Cloud CLI with plug-ins
- Working with multiple sessions with the IBM Cloud CLI
- Enabling shell autocompletion

Expand all | Collapse all

IBM Cloud Docs / IBM Cloud CLI /

Installing the stand-alone IBM Cloud CLI

Last updated 2022-09-08

The IBM Cloud® Command Line Interface provides commands for managing resources in IBM Cloud. When you install the standalone IBM Cloud CLI, you get only the CLI itself without any recommended plug-ins or tools.

☒ **Tip:** If you want to install both the latest IBM Cloud CLI and other recommended plug-ins and tools for developing applications for IBM Cloud, see [Getting started with the IBM Cloud CLI](#) and [Installing the tools and plug-ins manually](#).

Before you begin

If you need to use a 32-bit version, or a previous version other than the latest for IBM Cloud Dedicated environments, see [IBM Cloud CLI releases](#).

Installing with an installer

Use the following steps to install the latest stand-alone IBM Cloud CLI:

- 1 Use a browser to access the official [ibm-cloud-cli-releases](#) GitHub repository, and **select** the installer of your OS to begin the download. The following operating systems are supported: macOS X 64-bit, Windows™ 64-bit, Linux™ x86 64-bit, and Linux™ LE 64-bit (ppc64le).
- 2 Run the installer:

On this page

- Before you begin
 - Installing with an installer
 - Installing from the shell
 - Installing to a custom directory
 - Updating the IBM Cloud CLI

Feedback

Cookie Preferences

The screenshot shows the IBM Cloud Command Line Interface - InstallShield Wizard completion screen. The window title is "IBM Cloud Command Line Interface - InstallShield Wizard". The main content area displays a message stating "The installation completed successfully". It provides instructions on how to get started, including opening a terminal window and entering "ibmcloud help". It also mentions that the CLI has a plug-in framework to extend its capability and provides links to install recommended plug-ins and dependencies. A checkbox labeled "Show the Windows Installer log" is present. At the bottom, there are three buttons: "< Back", "Finish", and "Cancel".

IBM Cloud Command Line Interface - InstallShield Wizard

The installation completed successfully

To get started, open a terminal window and enter "ibmcloud help". Refer to <http://ibm.biz/cli-auto-completion> if you want to enable auto-completion for zsh or bash.

IBM Cloud Command Line Interface has a plug-in framework to extend its capability. To install recommended plug-ins and dependencies, run the install script from <http://ibm.biz/install-idt>. For additional plug-in details, see <http://ibm.biz/install-cli-plugin>.

Starting from version 1.0.0, IBM Cloud CLI no longer bundles the Cloud Foundry CLI by default. To run Cloud Foundry commands via the IBM Cloud CLI, you need to install the Cloud Foundry CLI through "ibmcloud cf install" command.

☐ Show the Windows Installer log

< Back Finish Cancel

```
Command Prompt

Installing version '2.12.1'...
Downloading...
 14.95 MiB / 14.95 MiB [=====] 100.00%
15671832 bytes downloaded
Saved in C:\Users\admin\.bluemix\tmp\bx_289624510\IBM_Cloud_CLI_2.12.1_amd64.exe

C:\Users\admin>ibmcloud login
API endpoint: https://cloud.ibm.com
Region: us-south

Email> divyapavi008@hotmail.com

Password>
Authenticating...
OK

Targeted account Divyadharshini R S's Account (9df510f10f5147caab66485bcd06a601)

API endpoint: https://cloud.ibm.com
Region: us-south
User: divyapavi008@hotmail.com
Account: Divyadharshini R S's Account (9df510f10f5147caab66485bcd06a601)
Resource group: No resource group targeted, use 'ibmcloud target -g RESOURCE_GROUP'
CF API endpoint:
Org:
Space:

C:\Users\admin>
```

Step 4: Install Docker CLI

The screenshot shows the 'Docker Engine installation overview' page. The left sidebar contains a navigation menu with 'Docker Desktop' and 'Docker Engine' sections. Under 'Docker Engine', the 'Install' section is expanded, showing 'Installation Overview' as the selected item. The main content area has a heading 'Docker Engine installation overview' and a sub-heading 'Docker Desktop for Linux'. Below this, it states 'Docker Desktop helps you build, share, and run containers easily on Mac and Windows as you do on Linux. We are excited to share that Docker Desktop for Linux is now GA. For more information, see [Docker Desktop for Linux](#).' The 'Supported platforms' section follows, stating 'Docker Engine is available on a variety of Linux platforms, macOS and Windows 10 through Docker Desktop, and as a static binary installation. Find your preferred operating system below.' A table titled 'Desktop' lists supported platforms and their architectures. The right sidebar contains 'Page details' (6 minute read, Edit this page, Request changes), 'Tags' (docker, installation, install, Docker Engine, Docker Engine, docker editions, stable, edge), and 'Contents' (Supported platforms, Desktop, Server, Other Linux distributions, Release channels, Stable, Test, Support, Backporting, Upgrade path, Licensing).

Platform	x86_64 / amd64	arm64 (Apple Silicon)
Docker Desktop for Linux	✓	
Docker Desktop for Mac (macOS)	✓	✓
Docker Desktop for Windows	✓	

```
Command Prompt

C:\Users\admin>docker

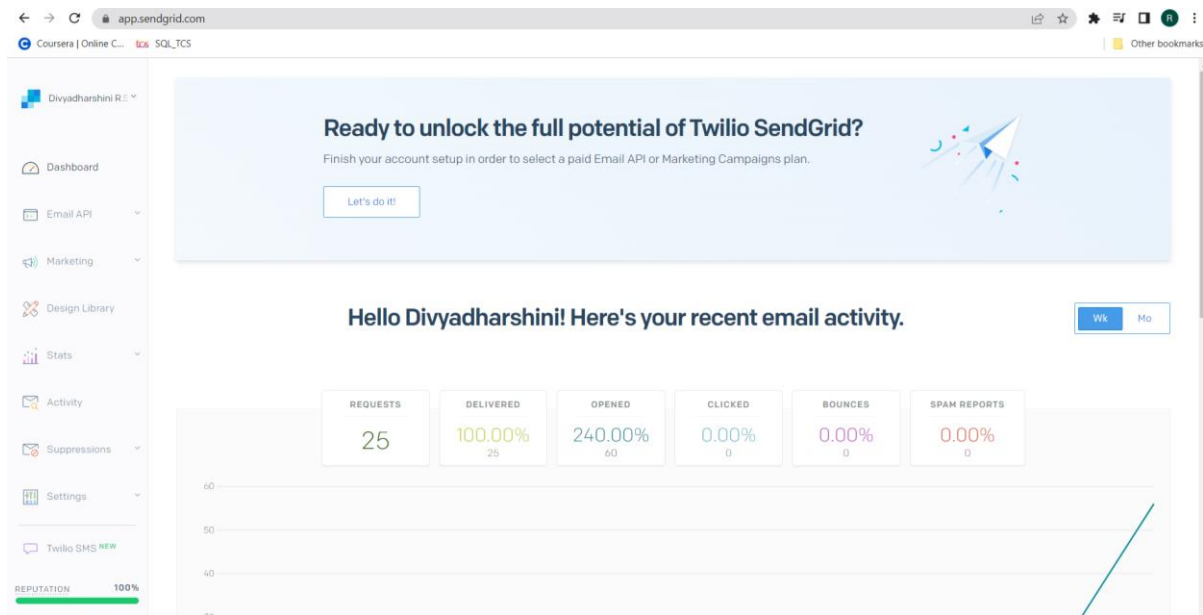
Usage: docker [OPTIONS] COMMAND

A self-sufficient runtime for containers

Options:
  --config string      Location of client config files (default
                        "C:\Users\admin\docker")
  -c, --context string  Name of the context to use to connect to the
                        daemon (overrides DOCKER_HOST env var and
                        default context set with "docker context use")
  -D, --debug           Enable debug mode
  -H, --host list       Daemon socket(s) to connect to
  -l, --log-level string Set the logging level
                        ("debug"|"info"|"warn"|"error"|"fatal")
                        (default "info")
  --tls                Use TLS; implied by --tlsverify
  --tlscacert string   Trust certs signed only by this CA (default
                        "C:\Users\admin\docker\ca.pem")
  --tlscert string     Path to TLS certificate file (default
                        "C:\Users\admin\docker\cert.pem")
  --tlskey string       Path to TLS key file (default
                        "C:\Users\admin\docker\key.pem")
  --tlsverify           Use TLS and verify the remote
  -v, --version         Print version information and quit

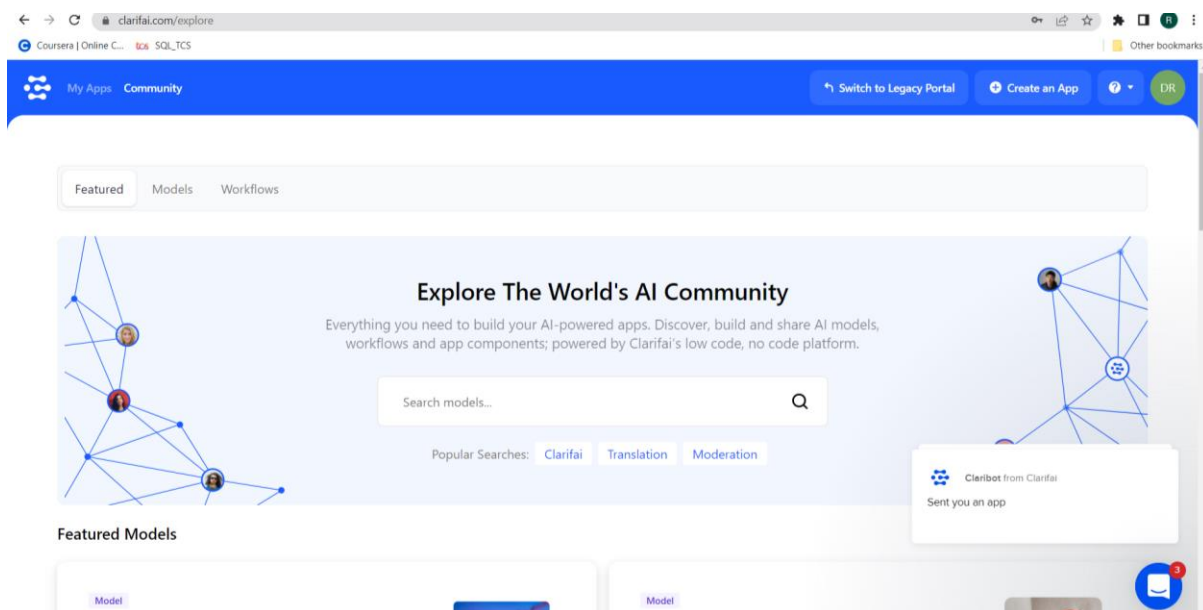
Management Commands:
  builder              Manage builds
  buildx*              Docker Buildx (Docker Inc., v0.9.1)
  compose*             Docker Compose (Docker Inc., v2.10.2)
  config               Manage Docker configs
  container             Manage containers
  context               Manage contexts
```

Step 5: Create an account in sendgrid



Step 6: Create an account in nutrition API

Clarifai Food Detection Model:



Spoonacular Nutrition API

