

## SETTING UP APPLICATION ENVIRONMENT

Team ID	PNT2022TMID29528
Project Name	Customer Care Registry

### **TASK**

1. Create Flask Project
2. Create IBM Cloud Account
3. Install IBM Cloud CLI
4. Docker CLI Installation
5. Create An Account in SendGrid

### **1.CREATE FLASK PROJECT**

```
Microsoft Windows [Version 10.0.19044.2130]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>python --version
Python 3.10.8

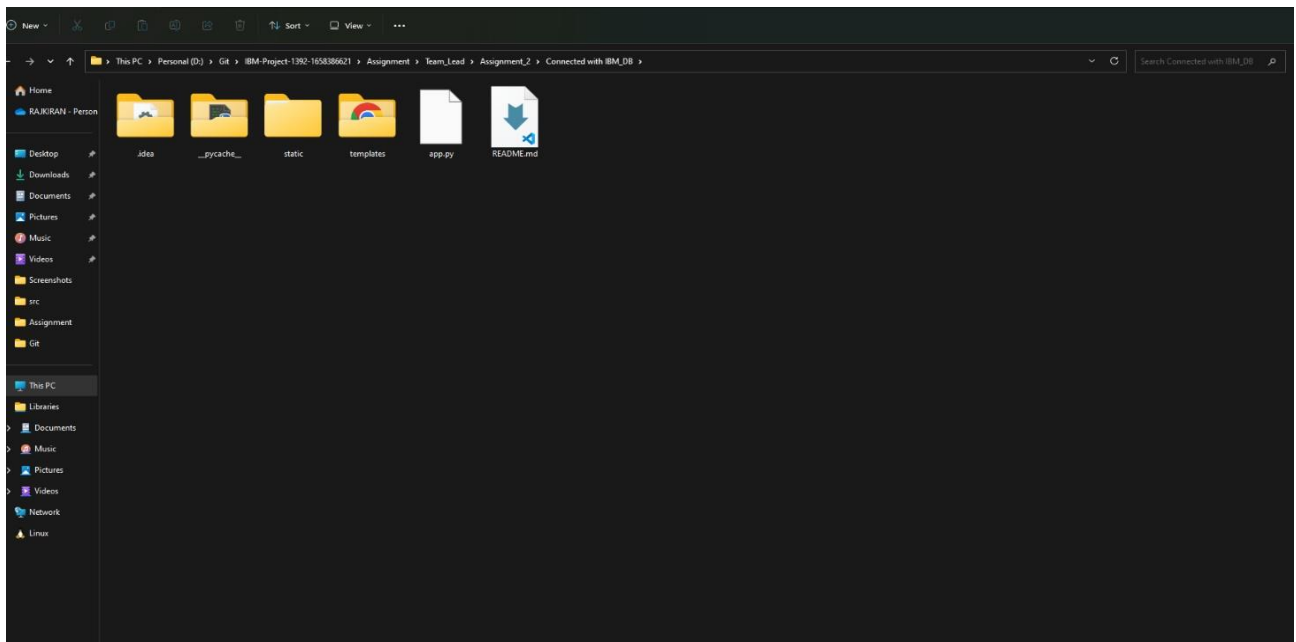
C:\WINDOWS\system32>pip --version
pip 22.2.2 from C:\Program Files\Python310\lib\site-packages\pip (python 3.10)

C:\WINDOWS\system32>py -m pip --version
pip 22.2.2 from C:\Program Files\Python310\lib\site-packages\pip (python 3.10)

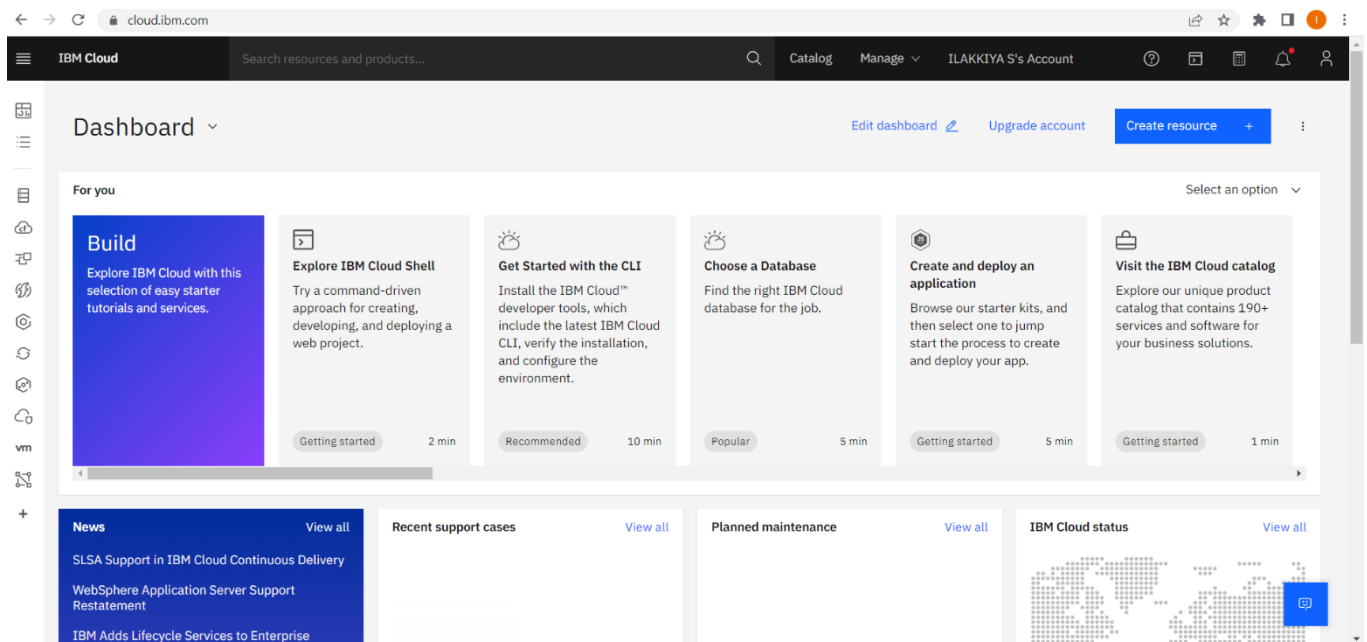
C:\WINDOWS\system32>py -m flask --version
C:\Program Files\Python310\python.exe: No module named flask

C:\WINDOWS\system32>py -m flask --version
Python 3.10.8
Flask 2.2.2
Werkzeug 2.2.2

C:\WINDOWS\system32>
```



## 2.CREATE IBM CLOUD ACCOUNT



```
MSI42e6c - Notepad
File Edit Format View Help
=== Verbose logging started: 10-11-2022 10:03:38 Build type: SHIP UNICODE 5.00.10011.00 Calling process: C:\WINDOWS\system32\MSIEXEC.EXE ===
MSI (c) (DC:18) [10:03:39:225]: Font created. Charset: Req=0, Ret=0, Font: Req=MS Shell Dlg, Ret=MS Shell Dlg

MSI (c) (DC:18) [10:03:39:233]: Font created. Charset: Req=0, Ret=0, Font: Req=MS Shell Dlg, Ret=MS Shell Dlg

MSI (c) (DC:F0) [10:03:39:479]: Resetting cached policy values
MSI (c) (DC:F0) [10:03:39:479]: Machine policy value 'Debug' is 0
MSI (c) (DC:F0) [10:03:39:479]: ***** RunEngine:
***** Product: C:\Users\VICTOR\AppData\Local\Temp\{C86AEC8C-8AB1-4111-A148-5435E814BD3F}\IBM_Cloud_CLI.msi
***** Action:
***** CommandLine: *****

MSI (c) (DC:F0) [10:03:39:499]: Machine policy value 'DisableUserInstalls' is 0
MSI (c) (DC:F0) [10:03:39:840]: Cloaking enabled.
MSI (c) (DC:F0) [10:03:39:851]: Attempting to enable all disabled privileges before calling Install on Server
MSI (c) (DC:F0) [10:03:39:864]: End dialog not enabled
MSI (c) (DC:F0) [10:03:39:864]: Original package ==> C:\Users\VICTOR\AppData\Local\Temp\{C86AEC8C-8AB1-4111-A148-5435E814BD3F}\IBM_Cloud_CLI.msi
MSI (c) (DC:F0) [10:03:39:864]: Package we're running from ==> C:\WINDOWS\Installer\48d983b.msi
MSI (c) (DC:F0) [10:03:39:868]: APPCOMPAT: Uninstall Flags override found.
MSI (c) (DC:F0) [10:03:39:874]: APPCOMPAT: Uninstall VersionNT override found.
MSI (c) (DC:F0) [10:03:39:874]: APPCOMPAT: Uninstall ServicePackLevel override found.
MSI (c) (DC:F0) [10:03:39:886]: APPCOMPAT: looking for appcompat database entry with ProductCode '{8426743C-4659-4029-A5FD-83BBE06DF901}'.
MSI (c) (DC:F0) [10:03:39:932]: APPCOMPAT: no matching ProductCode found in database.
MSI (c) (DC:F0) [10:03:40:015]: MSCOREE not loaded loading copy from system32
MSI (c) (DC:F0) [10:03:40:429]: Machine policy value 'DisablePatch' is 0
MSI (c) (DC:F0) [10:03:40:429]: Machine policy value 'AllowLockdownPatch' is 0
MSI (c) (DC:F0) [10:03:40:429]: Machine policy value 'DisableLUAPatching' is 0
MSI (c) (DC:F0) [10:03:40:429]: Machine policy value 'DisableFlyWeightPatching' is 0
MSI (c) (DC:F0) [10:03:40:440]: APPCOMPAT: looking for appcompat database entry with ProductCode '{8426743C-4659-4029-A5FD-83BBE06DF901}'.
MSI (c) (DC:F0) [10:03:40:441]: APPCOMPAT: no matching ProductCode found in database.
MSI (c) (DC:F0) [10:03:40:441]: Transforms are not secure.
MSI (c) (DC:F0) [10:03:40:441]: PROPERTY CHANGE: Adding MsiLogFileLocation property. Its value is 'C:\Users\VICTOR\AppData\Local\Temp\MSI42e6c.LOG'.
MSI (c) (DC:F0) [10:03:40:441]: Command Line: SETUPEXEDIR=C:\Users\VICTOR\Downloads SETUPEXENAME=IBM_Cloud_CLI_2.11.1_amd64.exe CURRENTDIRECTORY=C:\WINDOWS\system32 CLI
MSI (c) (DC:F0) [10:03:40:441]: PROPERTY CHANGE: Adding PackageCode property. Its value is '{8426743C-4659-4029-A5FD-83BBE06DF901}'.
MSI (c) (DC:F0) [10:03:40:441]: Product Code passed to Engine.Initialize: '{8426743C-4659-4029-A5FD-83BBE06DF901}'
MSI (c) (DC:F0) [10:03:40:441]: Product Code from property table before transforms: '{8426743C-4659-4029-A5FD-83BBE06DF901}'
MSI (c) (DC:F0) [10:03:40:441]: Product Code from property table after transforms: '{8426743C-4659-4029-A5FD-83BBE06DF901}'
```

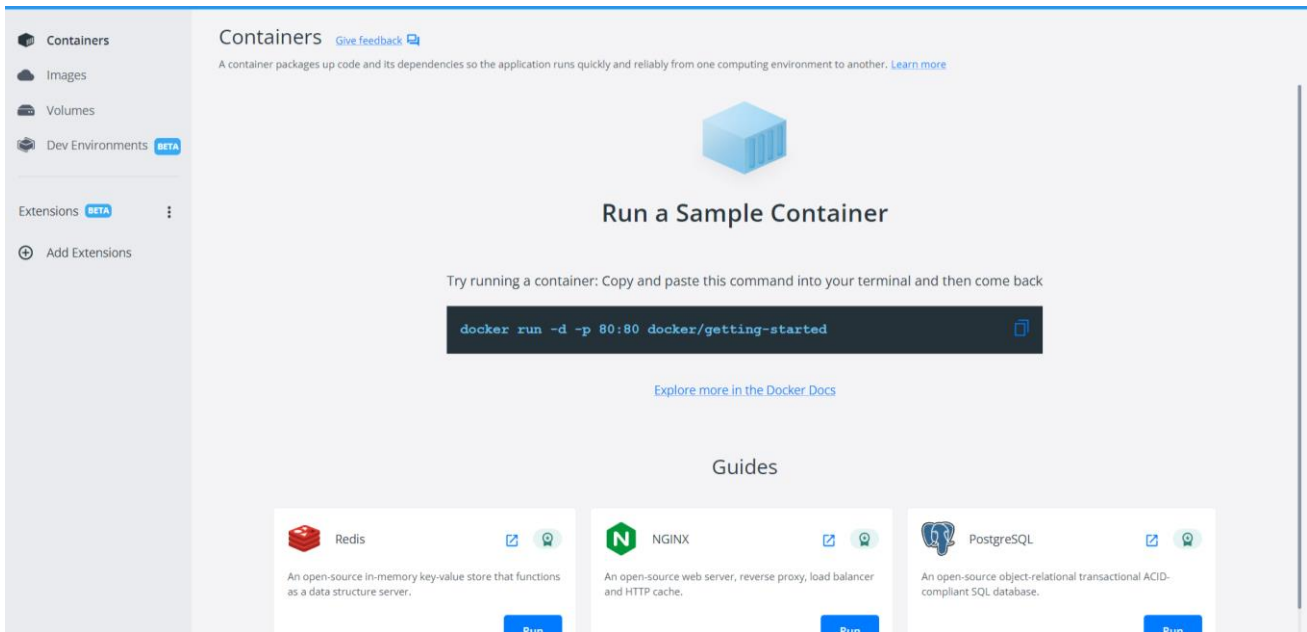
### 3.INSTALL IBM CLOUD

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS D:\IBM project> iex (New-Object Net.WebClient).DownloadString('https://clis.cloud.ibm.com/install/powershell')
Current platform is Win64. Downloading corresponding IBM Cloud CLI...
Download complete. Executing installer...
Install complete. Please restart to make the modification effective.
PS D:\IBM project> |
```

## 4.DOCKER CLI INSTALLATION



## 5.CREATE AN ACCOUNT IN SENDGRID

