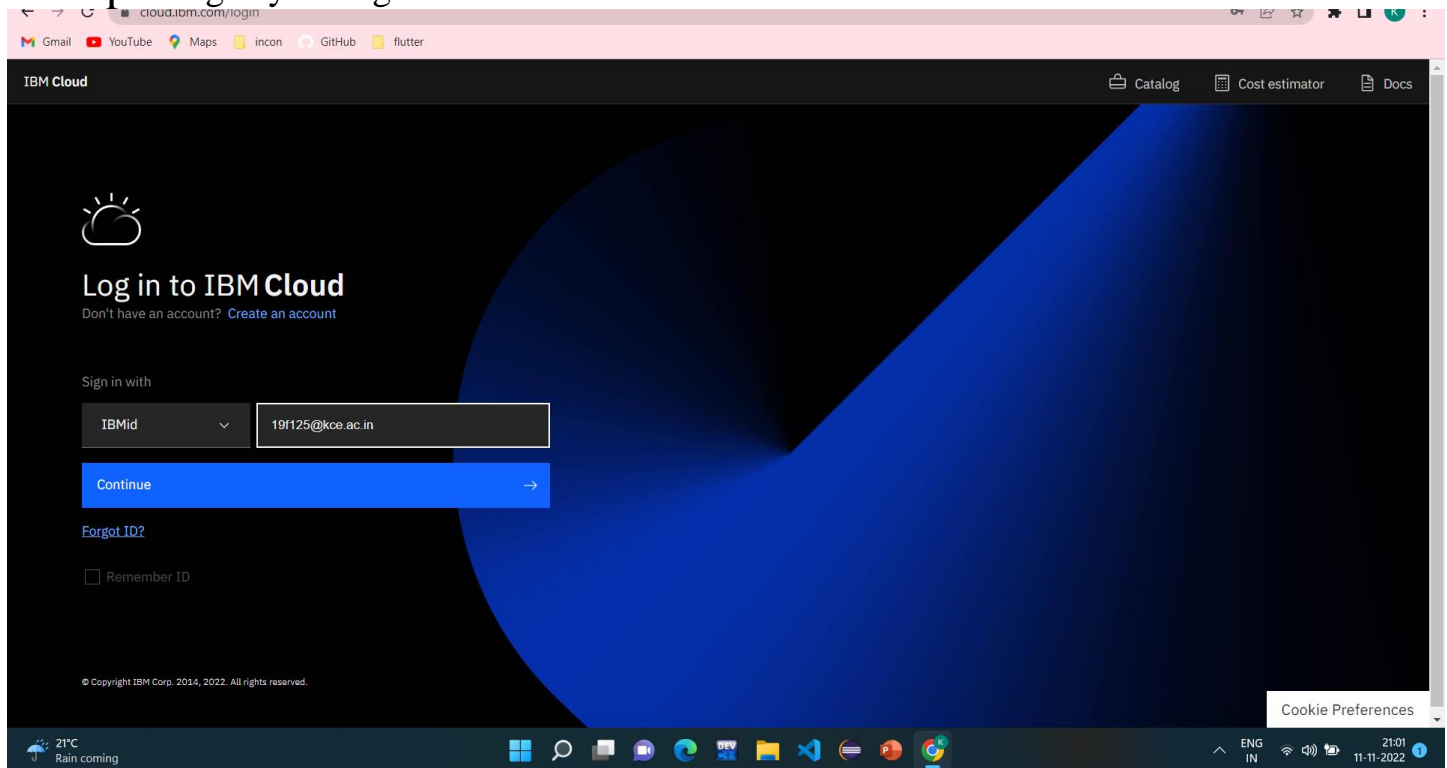


IBM Cloud services

Team ID	PNT2022TMID13026
Project Name	Smart Waste Management System For Metropolitan Cities
Date	11 November 2022

step1: log in your registered id



IBM Cloud services

step 2 : click catalog where you find the services and internet of things you can select and make location as L

IBM Cloud Search resources and products...

Internet of Things Platform

This service is the hub of all things IBM IoT, it is where you can set up and manage your connected devices so that your apps can access their live and historical data.

Create About

Type Service

Provider IBM

Last updated 08/15/2022

Category Internet of Things

Compliance IAM-enabled

Location Frankfurt London Dallas Washington DC

Related links Docs

Select a location

Frankfurt (eu-de)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

Summary

Internet of Things Platform Free

Location: Frankfurt

Plan: Lite

Service name: Internet of Things Platform-1s

Resource group: Default

☒ I have read and agree to the following license agreements: [Terms](#)

Create

Add to estimate

21°C Cloudy

ENG IN 19:56 11-11-2022

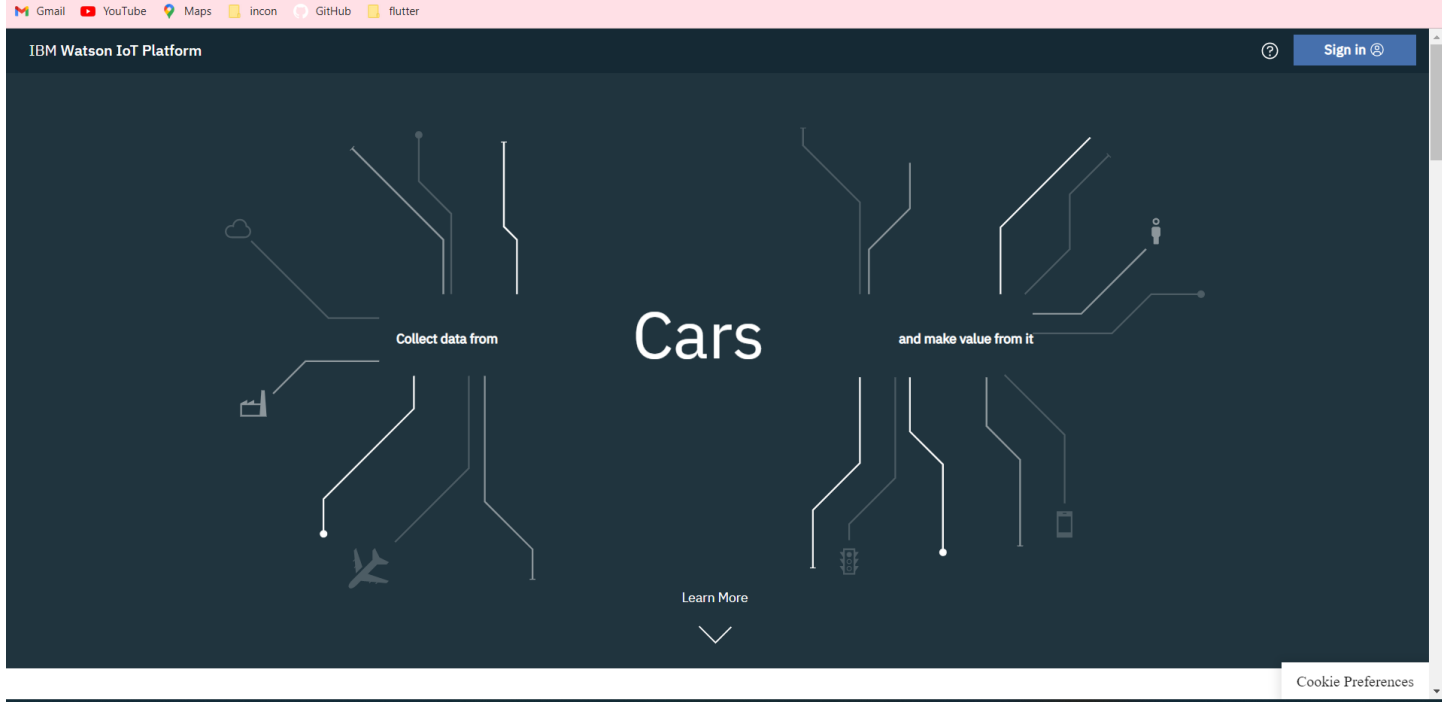
IBM Cloud services

step 3 : click create and the launch tab get open, the lick launch

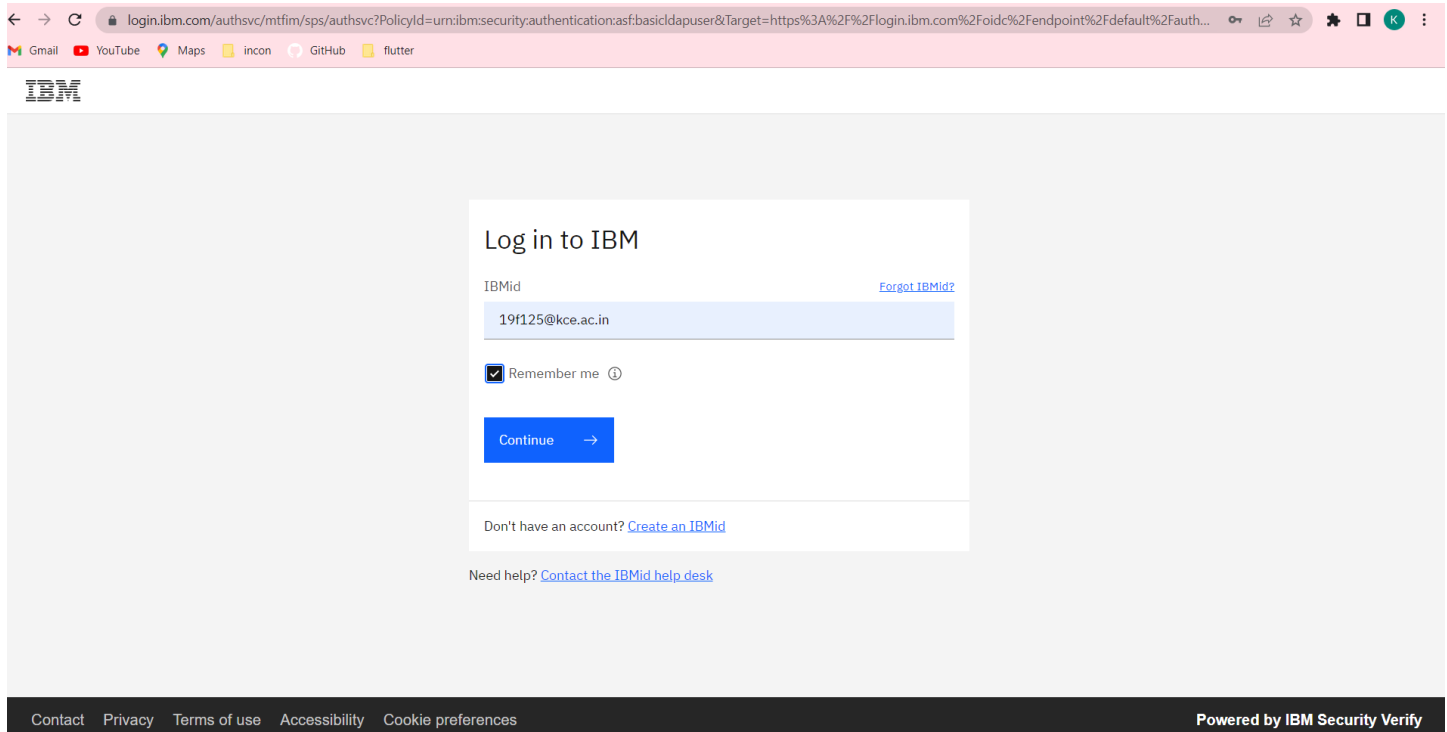
The screenshot displays the IBM Cloud console interface. At the top, there's a navigation bar with the IBM Cloud logo, a search bar, and links to 'Catalog', 'Manage', and the user's account 'Khoushik C S's Account'. Below this, the breadcrumb 'Resource list /' leads to the 'Internet of Things Platform-1s' resource page, which is marked as 'Active'. A sidebar on the left contains the 'Manage' section with sub-links for 'Plan' and 'Connections'. The main content area is titled 'Let's get started with IBM Watson IoT Platform' and includes a 'Launch' button. Below this, a section titled 'Ready for the next level?' shows the 'IBM Watson IoT Platform Journey' with three stages: 'Lite' (selected), 'Non-Production', and 'Production'. Each stage has a brief description of the service plan. The bottom of the screen shows a Windows taskbar with various application icons and system status information like '21°C Cloudy' and the time '19:58 11-11-2022'.

IBM Cloud services

step 4 : It redirect you to IBM WATSON platform where you need to click sign in

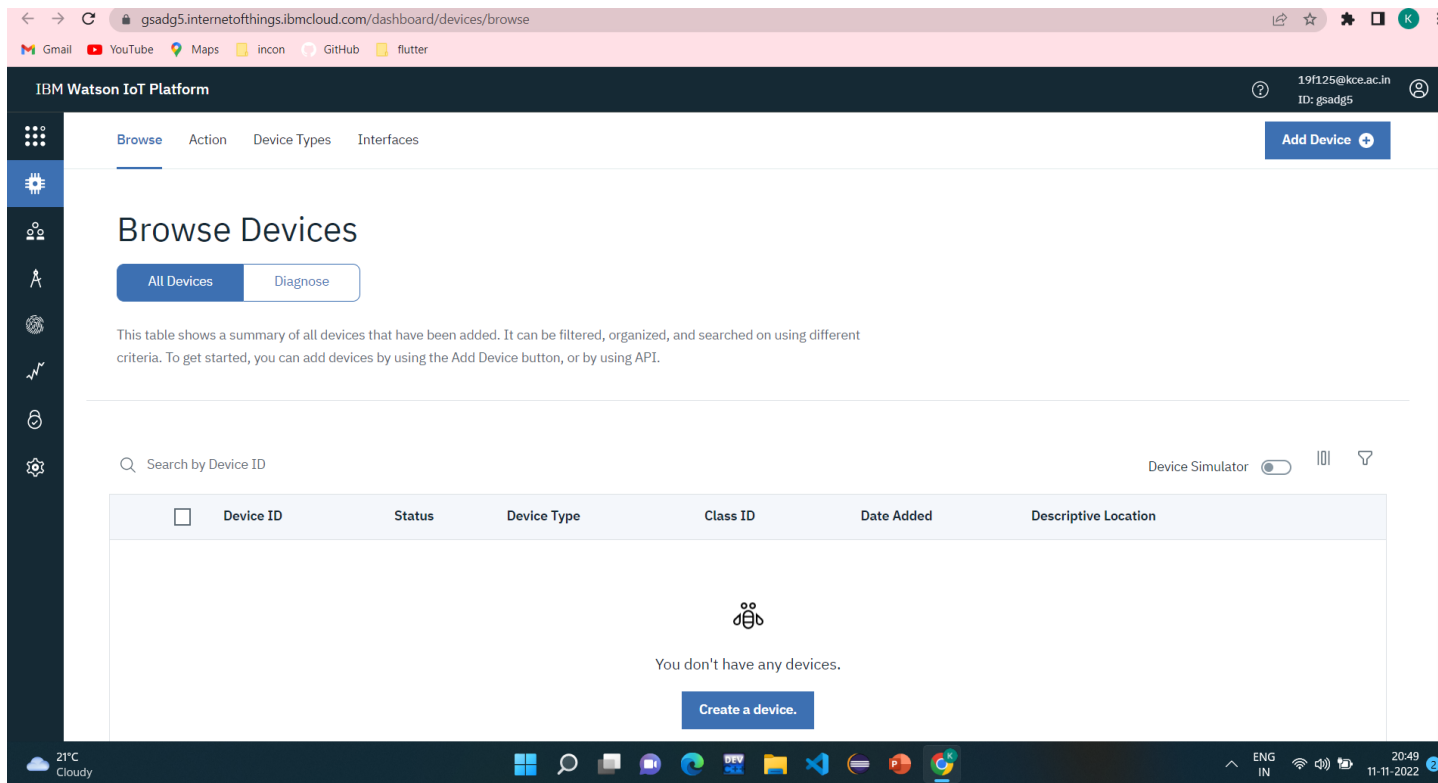


step 5 : you need to log in IBM ID

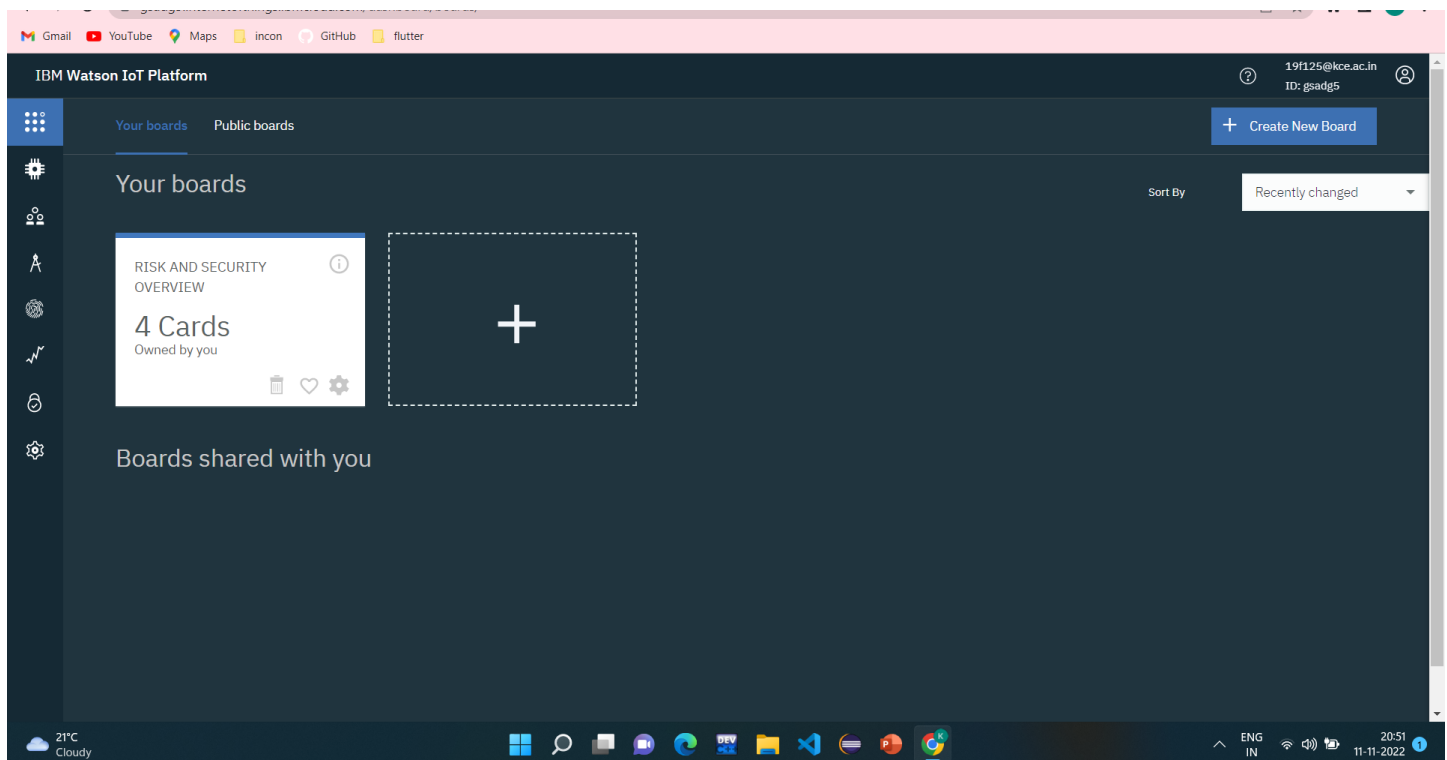


IBM Cloud services

step 6 : where you find this tab which is used to add device,app, member,usege, security can be worked



step 7 : check board for risk and security overview card, it uses for graphical representation boards



IBM Cloud services

step 8 : after clicking a new device/add device you can chose an device type and device id and complete the following information to create a device

The screenshot shows the 'Add Device' wizard in the IBM Watson IoT Platform. The wizard has four steps: Identity, Device Information, Security, and Summary. The 'Identity' step is currently active, showing a progress bar and a form to enter device details. The form includes a 'Device Type' dropdown menu with the placeholder text 'Select or create a device type...' and a 'Device ID' text input field with the placeholder text 'Enter Device ID'. At the bottom right of the form are 'Cancel' and 'Next' buttons. Below the form, the 'Browse Devices' section is partially visible. The top navigation bar shows the user is logged in as '19f125@kce.ac.in' with ID 'gsadg5'. The bottom status bar shows the system time as 20:53 on 11-11-2022.

IBM Watson IoT Platform

19f125@kce.ac.in
ID: gsadg5

Browse Action Device Types Interfaces

Add Device

Identity Device Information Security Summary

Select a device type for the device that you are adding and give the device a unique ID.

Device Type Select or create a device type...

Device ID Enter Device ID

Cancel Next

Browse Devices

step 9 : create a device of nodemcu

The screenshot shows the 'Device Drilldown' page for device 12345 in the IBM Watson IoT Platform. The page has a left sidebar with a navigation menu containing: Device Credentials (selected), Connection Information, Recent Events, State, Device Information, Metadata, Diagnostics, Connection Logs, and Device Actions. The main content area is titled 'Device Credentials' and contains a message: 'You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.' Below this message is a table with the following data:

Organization ID	gsadg5
Device Type	NodeMCU
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	!HHFubhQVhRGBNGNA!

Below the table, there is a warning icon and a message: 'Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.' A link 'Find out how to add these credentials to your device' is provided at the bottom. The top navigation bar shows the user is logged in as '19f125@kce.ac.in' with ID 'gsadg5'. The bottom status bar shows the system time as 21:00 on 11-11-2022.

IBM Watson IoT Platform

19f125@kce.ac.in
ID: gsadg5

← Back

Device Drilldown - 12345

Device Credentials

You registered your device to the organization. Add these credentials to the device to connect it to the platform. After the device is connected, you can navigate to view connection and event details.

Organization ID	gsadg5
Device Type	NodeMCU
Device ID	12345
Authentication Method	use-token-auth
Authentication Token	!HHFubhQVhRGBNGNA!

⚠ Authentication tokens are non-recoverable. If you misplace this token, you will need to re-register the device to generate a new authentication token.

[Find out how to add these credentials to your device](#)

IBM Cloud services
