

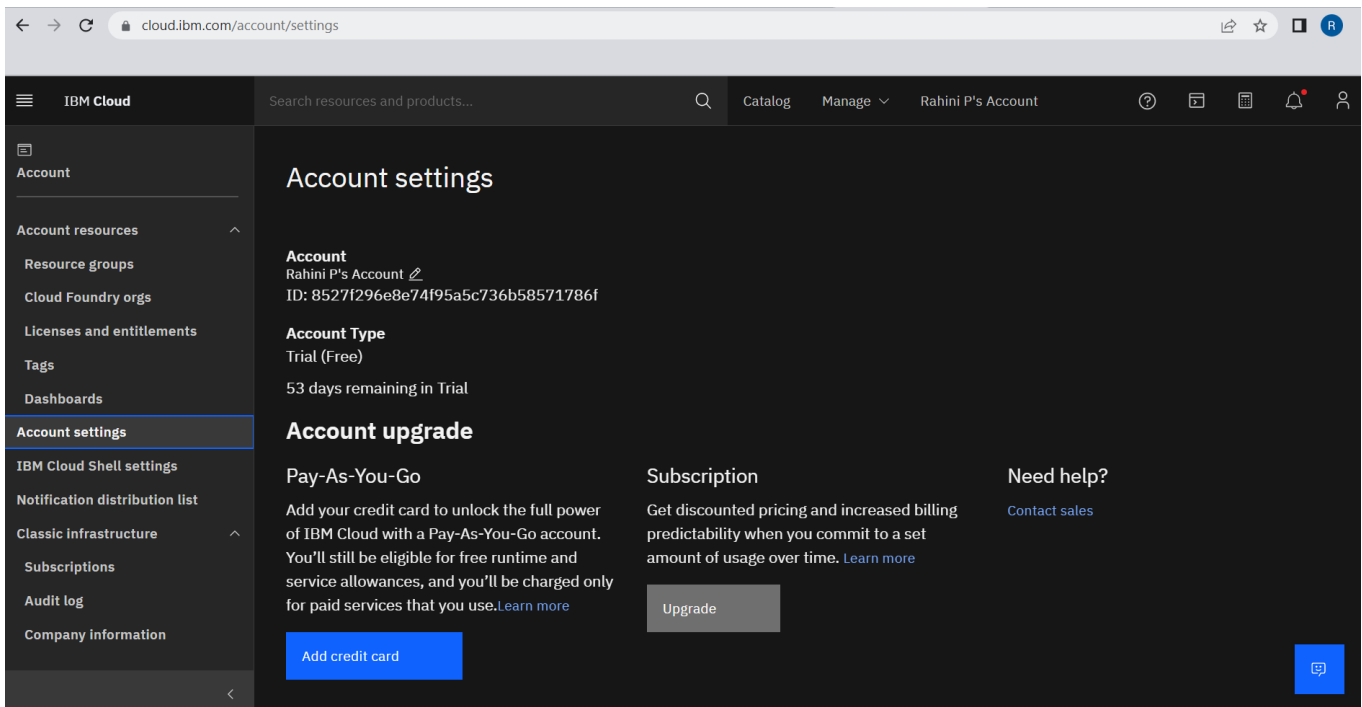
Gas leakage monitoring and alerting system for Industries

IBM NALAIYATHIRAN

Create and Configure IBM services IOT Watson Platform

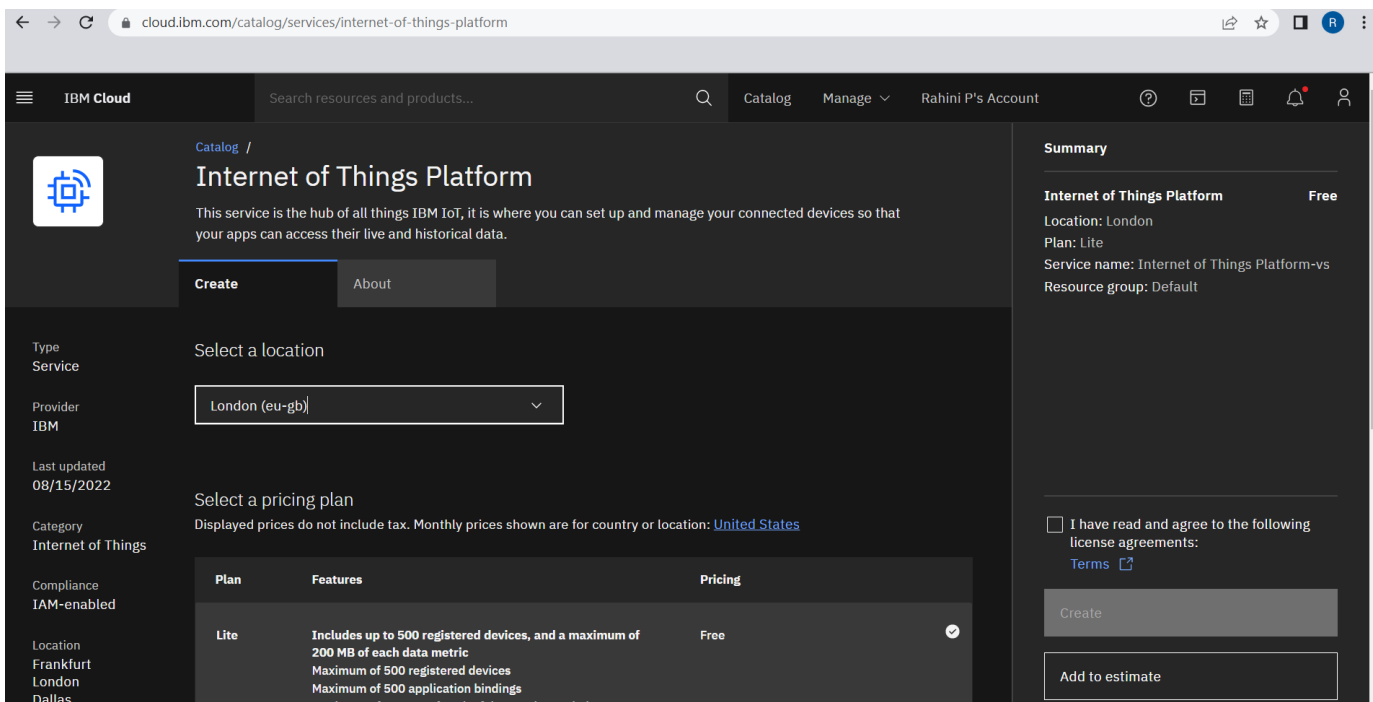
TITLE	Gas leakage monitoring and alerting system for Industries
DOMAIN NAME	INTERNET OF THINGS
TEAM ID	PNT2022TMID03152

Step1: Log in your registered id



The screenshot shows the IBM Cloud account settings page. The left sidebar contains navigation links: Account, Account resources, Resource groups, Cloud Foundry orgs, Licenses and entitlements, Tags, Dashboards, Account settings (highlighted), IBM Cloud Shell settings, Notification distribution list, Classic Infrastructure, Subscriptions, Audit log, and Company information. The main content area is titled 'Account settings' and displays account details: Account (Rahini P's Account, ID: 8527f296e8e74f95a5c736b58571786f), Account Type (Trial (Free)), and 53 days remaining in Trial. Below this is the 'Account upgrade' section with two options: '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. [Learn more](#)) and 'Subscription' (Get discounted pricing and increased billing predictability when you commit to a set amount of usage over time. [Learn more](#)). There is an 'Add credit card' button under Pay-As-You-Go and an 'Upgrade' button under Subscription. A 'Need help?' link with 'Contact sales' is also present.

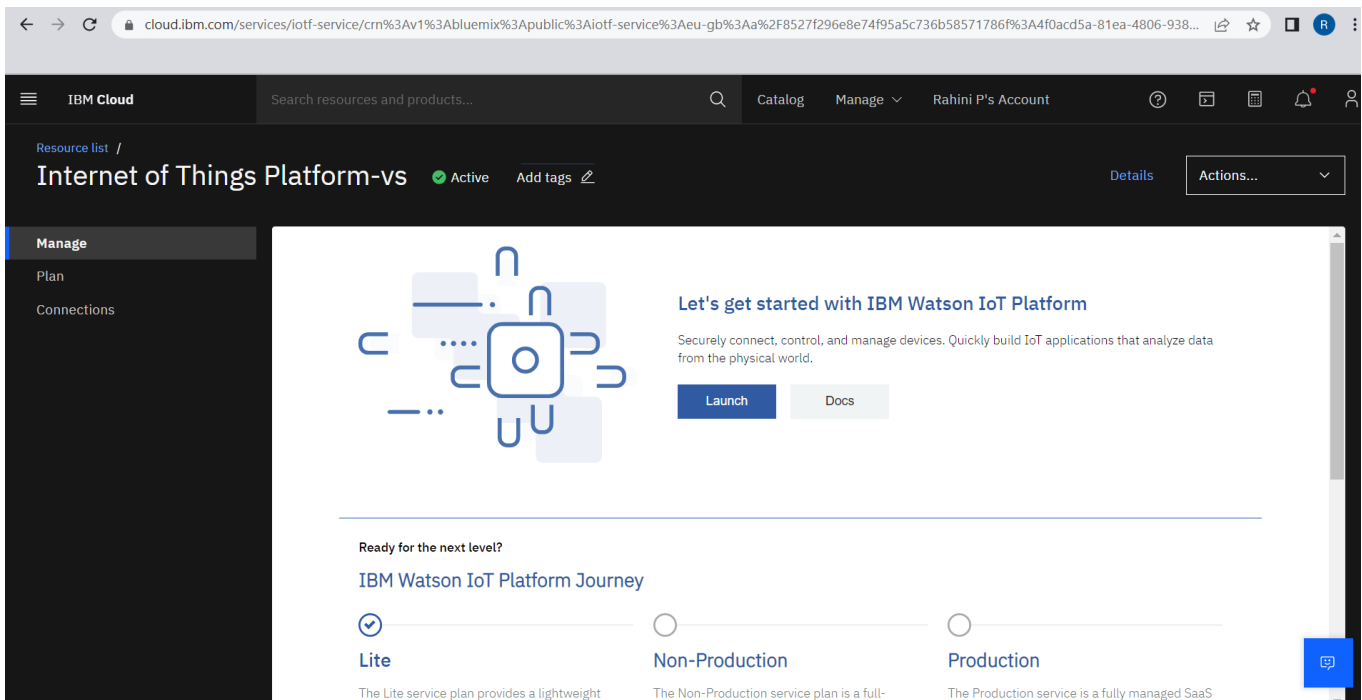
Step 2: click catalog where you find the services and internet of thing you can select and make location as London



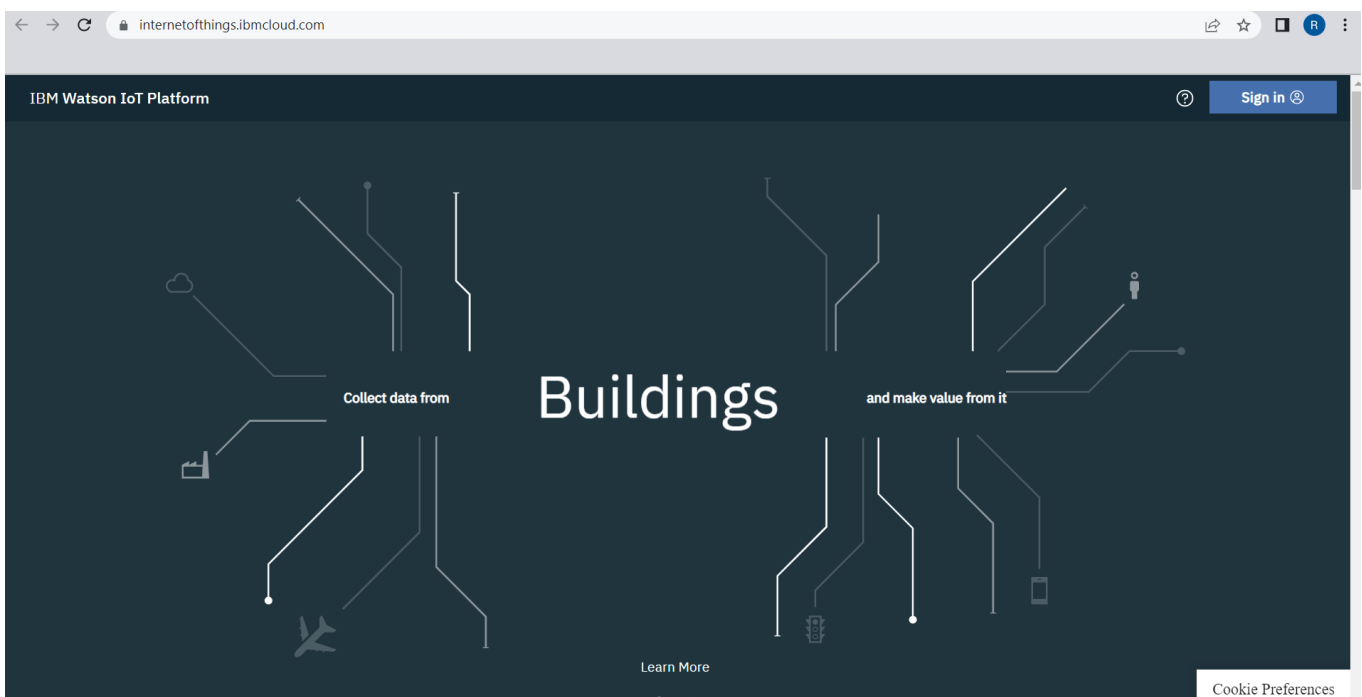
The screenshot shows the IBM Cloud Catalog page for the 'Internet of Things Platform'. The left sidebar contains navigation links: Catalog / (highlighted), Internet of Things Platform, Create, About, Type, Service, Provider, IBM, Last updated, 08/15/2022, Category, Internet of Things, Compliance, IAM-enabled, Location, Frankfurt, London, Dallas. The main content area is titled 'Internet of Things Platform' and includes a description: '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.' Below this are two tabs: 'Create' (highlighted) and 'About'. The 'Create' tab shows a 'Select a location' dropdown menu with 'London (eu-gb)' selected. Below this is a 'Select a pricing plan' section with a table of plans. The table has columns: Plan, Features, and Pricing. The 'Lite' plan is selected, showing features: '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', and 'Maximum of 200 MB of each of data exchanged, data'. The pricing is 'Free'. A 'Create' button is visible at the bottom right. A 'Summary' section on the right shows: Internet of Things Platform, Free, Location: London, Plan: Lite, Service name: Internet of Things Platform-vs, Resource group: Default. There is also a checkbox for 'I have read and agree to the following license agreements:' with a 'Terms' link.

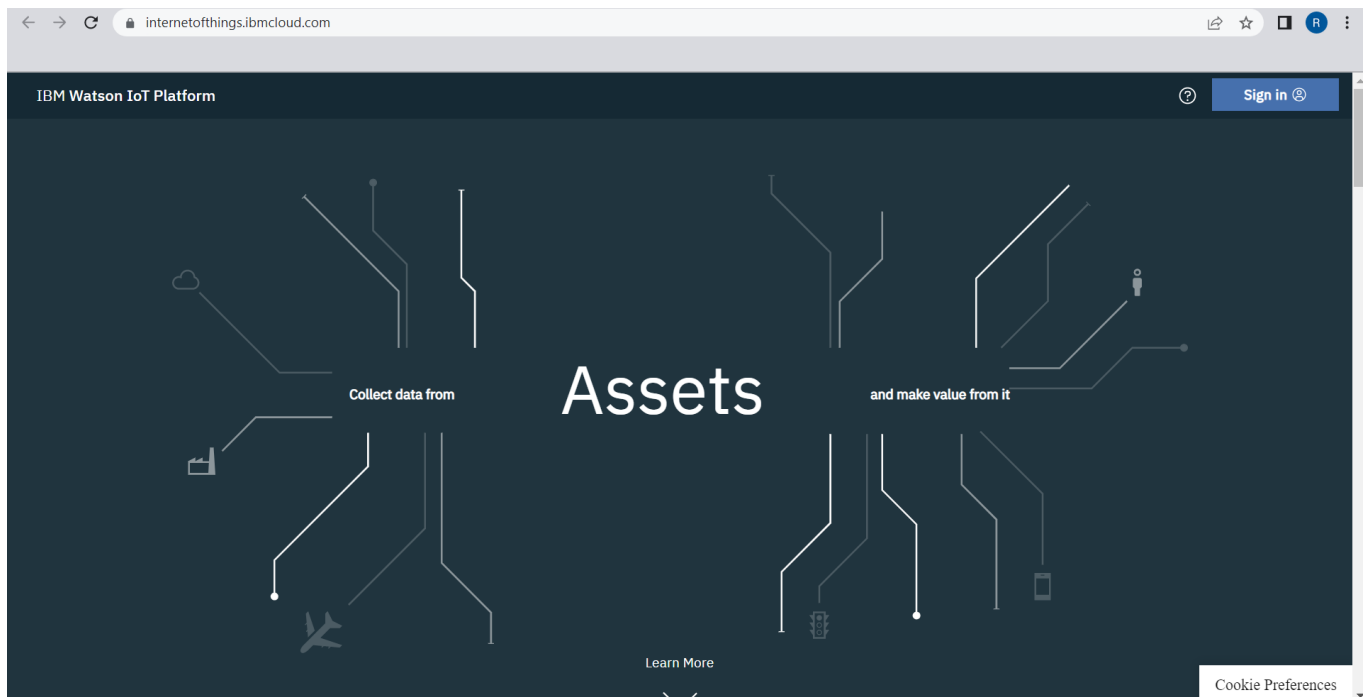
Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data	Free

Step 3: click create and the launch tab get open, then click launch

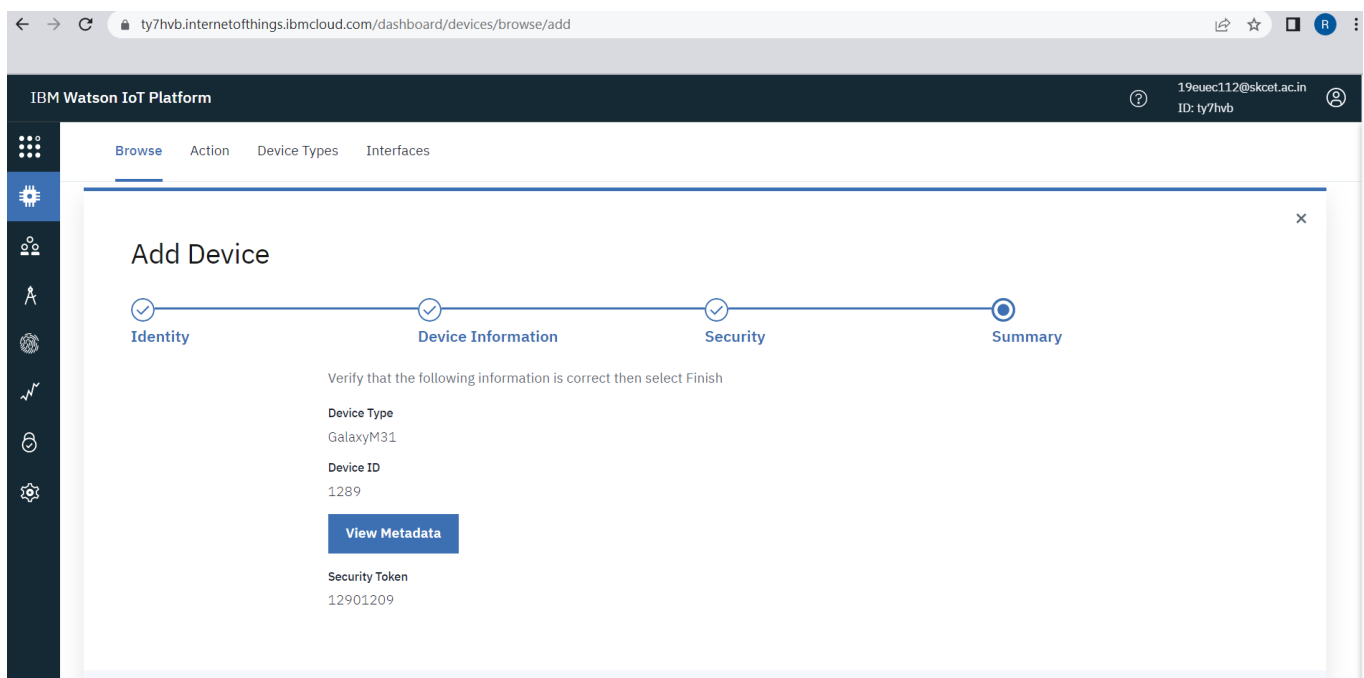


Step 4: It redirect you to IBM WATSON platform where you need to click sign in

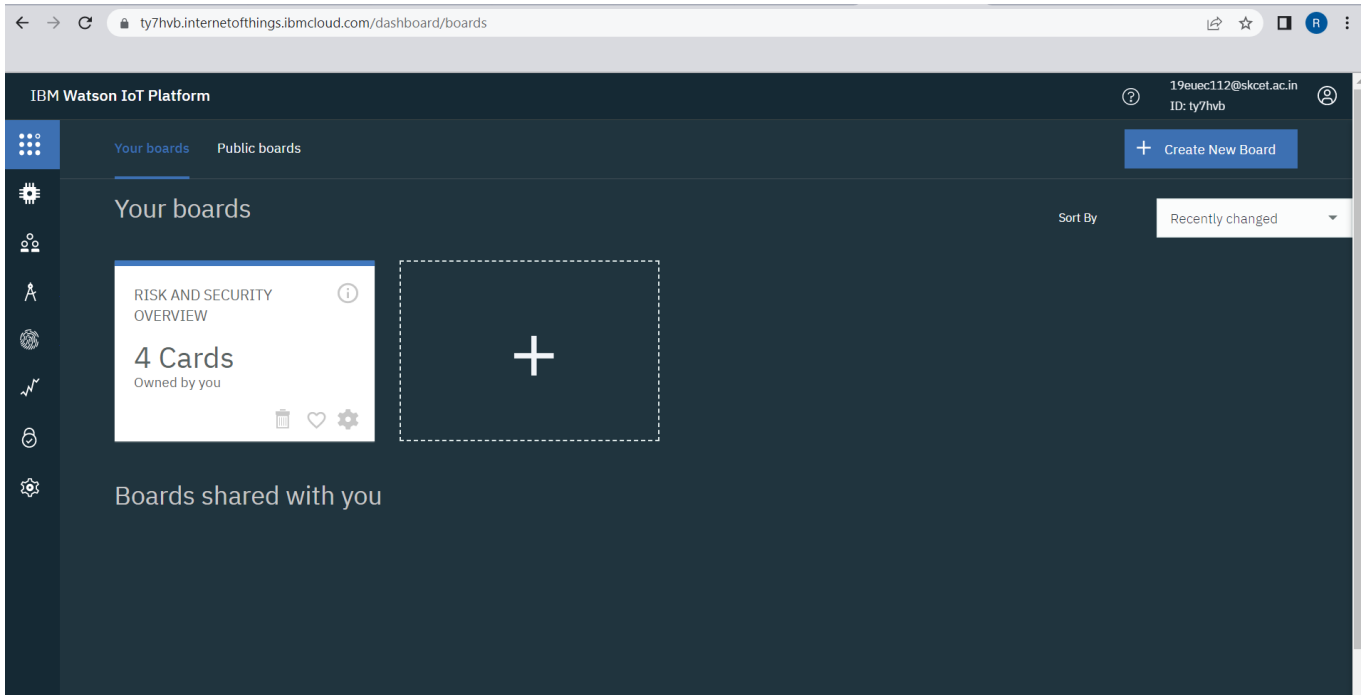




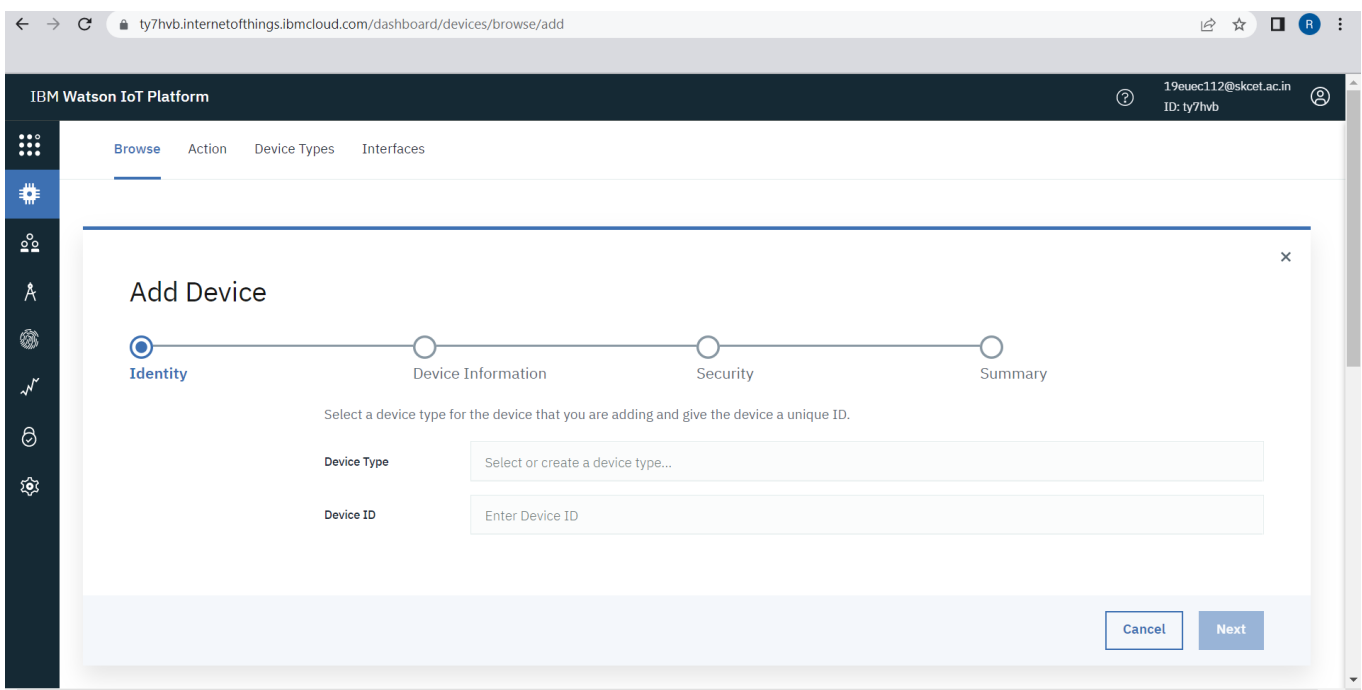
Step 6: where you find this tab which is used to add device, app, member, usage, and security can be worked



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



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



Step 9: created a device of NodeMCU

