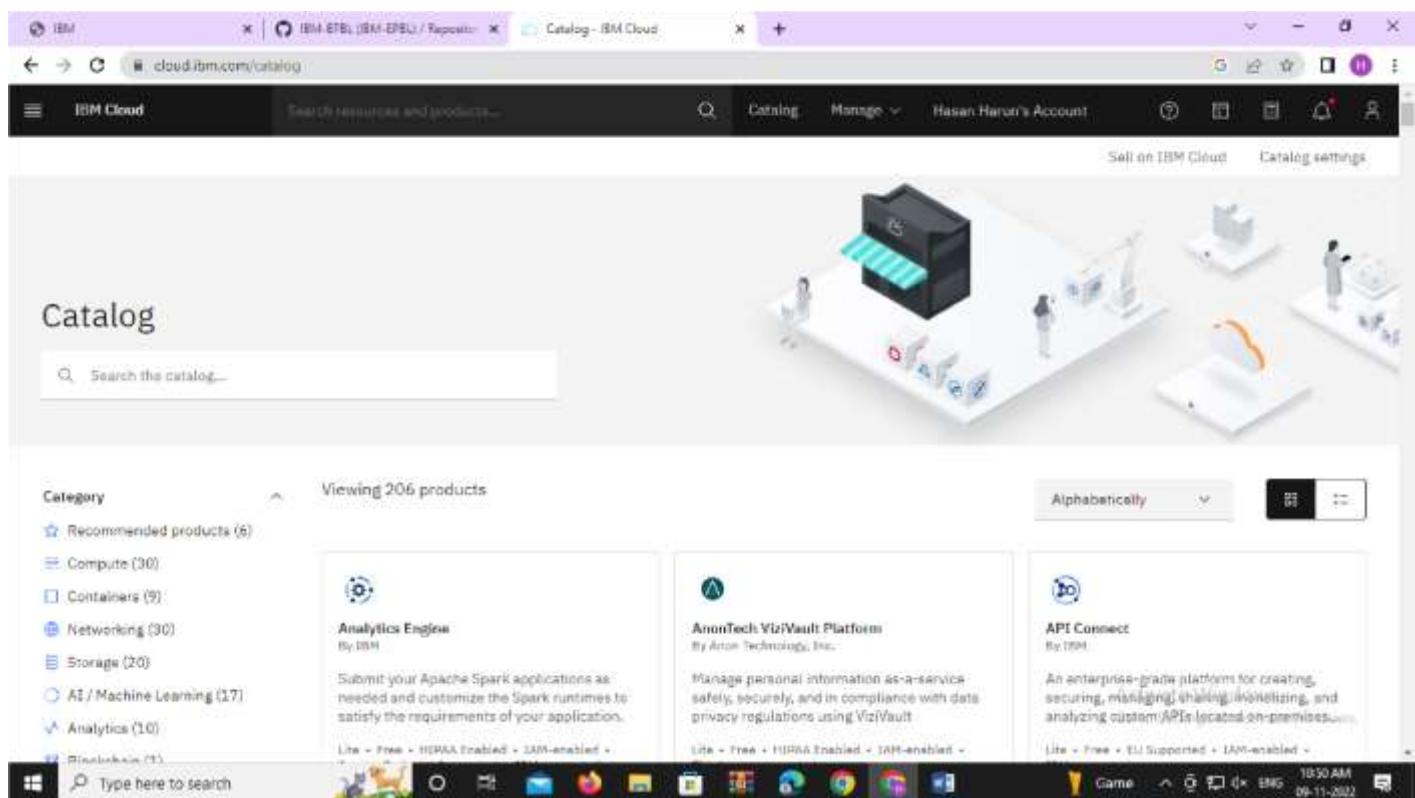


# CREATE AND CONFIGURE IBM CLOUD SERVICES

Team ID	PNT2022TMID25436
Project Name	INDUSTRY-SPECIFIC INTELLIGENT FIRE MANAGEMENT SYSTEM

## 1. CREATE IBM WATSON IOT PLATFORM AND DEVICE

### IBM CATALOG PAGE



The screenshot shows the IBM Cloud Catalog interface. At the top, there are tabs for 'Catalog - IBM Cloud' and other repository links. The main header includes 'IBM Cloud', a search bar, and navigation links for 'Catalog', 'Manage', and 'Hasan Heron's Account'. Below the header, there's a decorative graphic of a factory or industrial setting with various icons. The main area is titled 'Catalog' with a search bar. On the left, a 'Category' sidebar lists various service categories with their counts: Recommended products (6), Compute (30), Containers (9), Networking (30), Storage (20), AI / Machine Learning (17), Analytics (10), Blockchain (1). The main content area displays two service cards: 'Analytics Engine' by IBM and 'AnonTech ViziVault Platform' by Anon Technology, Inc. Both cards provide brief descriptions and filtering options like 'Lite', 'Free', 'HSM Enabled', and 'IAM-enabled'. The bottom of the screen shows a taskbar with various application icons.

### SELECTING INTERNET OF THINGS (IOT) IN RESOURCE LIST:

The screenshot shows the IBM Cloud Resource list interface. At the top, there's a navigation bar with tabs for 'IBM' (selected), 'IBM-EBSI (IBM-EBSI) / Resources' (active), and 'Resource list - IBM Cloud'. Below the navigation is a header with 'IBM Cloud', a search bar, and account information for 'Hasan Hanif's Account'. The main area is titled 'Resource list' and contains a table with columns: Name, Group, Location, Product, Status, and Tags. A sidebar on the left lists various service categories like Compute, Containers, Networking, Storage, AI / Machine Learning, Analytics, Blockchain, Databases, Developer tools, Logging and monitoring, and Migration, each with a count of zero. A 'Create resource' button is located in the top right corner of the main table area.

## CLICKING ON LAUNCH IN IBM WATSON IOT PLATFORM

The screenshot shows the 'Service Details - IBM Cloud' page for the 'Internet of Things Platform-mb' service. The URL in the address bar is <https://cloud.ibm.com/services/iot-service/cfef53Av1%3Abkuem%3Apublic%3Aiot-service%3Aeu-gb%3Av1%2F92e88a97ff46458corda4627f05ee05dib%3Ab5336331-sev...>. The page title is 'IBM Cloud' and the service name is 'Internet of Things Platform-mb' (Active). The 'Manage' section includes 'Plan' and 'Connections' options. The main content area features a central icon of a central node connected to multiple peripheral nodes. To the right, there's a call-to-action button labeled 'Launch' and a 'Docs' button. Below this, a section titled 'Let's get started with IBM Watson IoT Platform' explains the service's purpose: 'Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.' A 'Details' button is in the top right of this section. At the bottom, there's a 'Ready for the next level?' section with the 'IBM Watson IoT Platform Journey' diagram, showing three stages: 'Lite' (selected), 'Non-Production', and 'Production'. Each stage has a brief description. A 'Launch' button is also present here. The bottom of the screen shows a Windows taskbar with various pinned icons and system status indicators.

## ADDING DEVICE WITH DEVICE ID-11

The screenshot shows a web-based interface for managing devices. On the left, there's a vertical sidebar with icons for navigation. The main header includes tabs for 'Browse', 'Action', 'Device Types', and 'Interfaces', along with a 'Add Device' button.

The central area is titled 'Browse Devices' and contains two buttons: 'All Devices' (which is selected) and 'Diagnose'. Below this is a descriptive text about the device list table.

A table displays the following data:

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
11	Disconnected	Sensor1	Device	Oct 23, 2022 8:46 AM	

Below the table, there are pagination controls: 'Items per page: 50', '1 of 1 page', and navigation arrows.

In the bottom right corner of the main content area, there is a message: '1 Simulation running'.

## CREATING NEW SIMULATION WITH EVENT NAMED: 'eventflow'

Device Type: Sensor1

Events 1 New event type +

Event type name: eventflow Send trash

Schedule: 1 Every Minute

Payload:

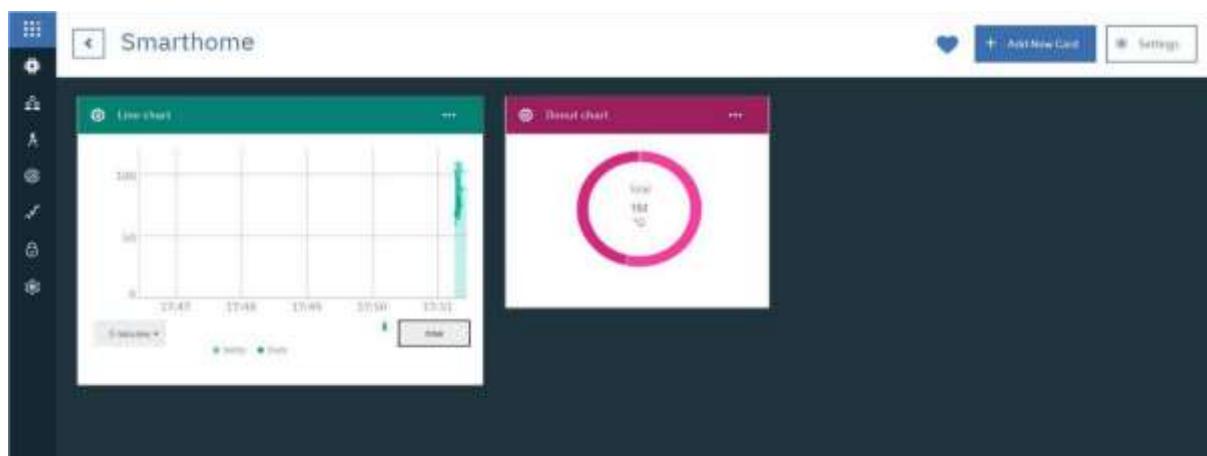
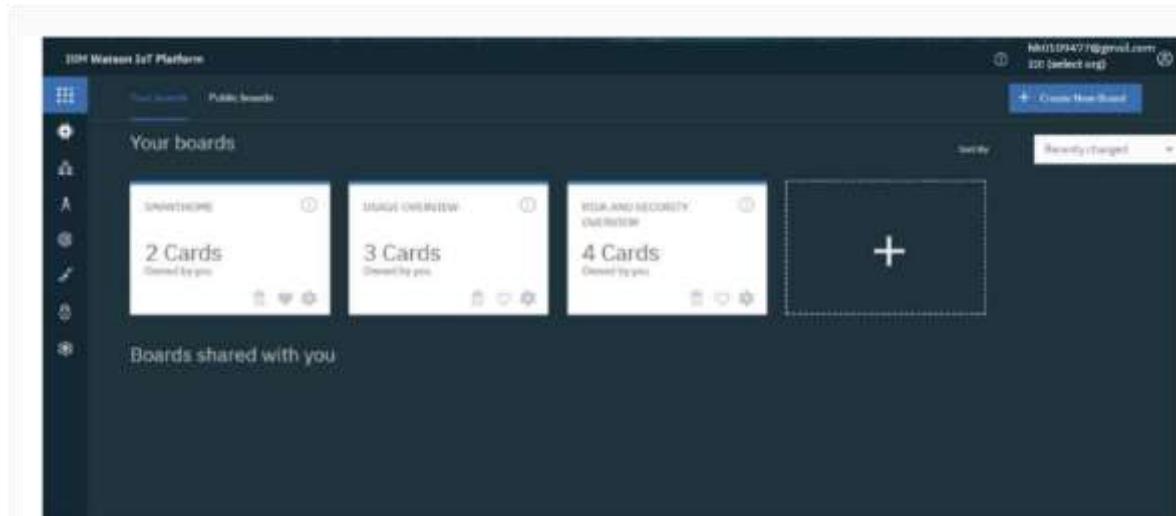
Specify the event payload in the editor window or by uploading a [CSV file](#).

```
0 [
1   "randomNumber": random(0, 100),
2   "temp": random(90,110),
3   "hum": random(60,100)
4 ]
5
```

Upload a CSV file

Cancel Save

## VIEWING RESULTS IN FORM OF CHARTS:



Internet of Things Platform - IBM Watson IoT Platform

IBM Watson IoT Platform

IBM Watson IoT Platform

Members / Browse

jeffinspr@gmail.com

ID: de7f0

IBM Watson IoT Platform

Browse

+ Add Members

Email Address	Name	Role	Added By	Expires
jeffinspr@gmail.com	jeffinspr@gmail.com	Administrator	jeffinspr@gmail.com	5 months
medhanatakshm10@gmail.com		Analyst	jeffinspr@gmail.com	
bavyashabaskar2001@gmail.com		Developer	jeffinspr@gmail.com	
kjanamib97@gmail.com		Operator	jeffinspr@gmail.com	
poornip766@gmail.com		Reader	jeffinspr@gmail.com	

Search the web and Windows

9:39 PM  
06-Nov-23

The screenshot shows a web browser window for the IBM Watson IoT Platform. The URL is `dab50.internetofthings.ibmcloud.com/testuser/members/browse`. The page title is "Members / Browse". A sidebar on the left contains icons for Home, Members, Devices, Rules, Insights, Dashboards, and Help. The main content area displays a table of users with columns: Email Address, Name, Role, Added By, and Expires. The table lists five users: jeffinspr@gmail.com (Administrator, added by jeffinspr@gmail.com, expires in 5 months), medhanatakshm10@gmail.com (Analyst, added by jeffinspr@gmail.com, no expiration date), bavyashabaskar2001@gmail.com (Developer, added by jeffinspr@gmail.com, no expiration date), kjanamib97@gmail.com (Operator, added by jeffinspr@gmail.com, no expiration date), and poornip766@gmail.com (Reader, added by jeffinspr@gmail.com, no expiration date). At the bottom of the page, there is a search bar, a taskbar with icons for File Explorer, Task View, Start, and a browser, and a system tray showing the date and time (9:39 PM, 06-Nov-23).