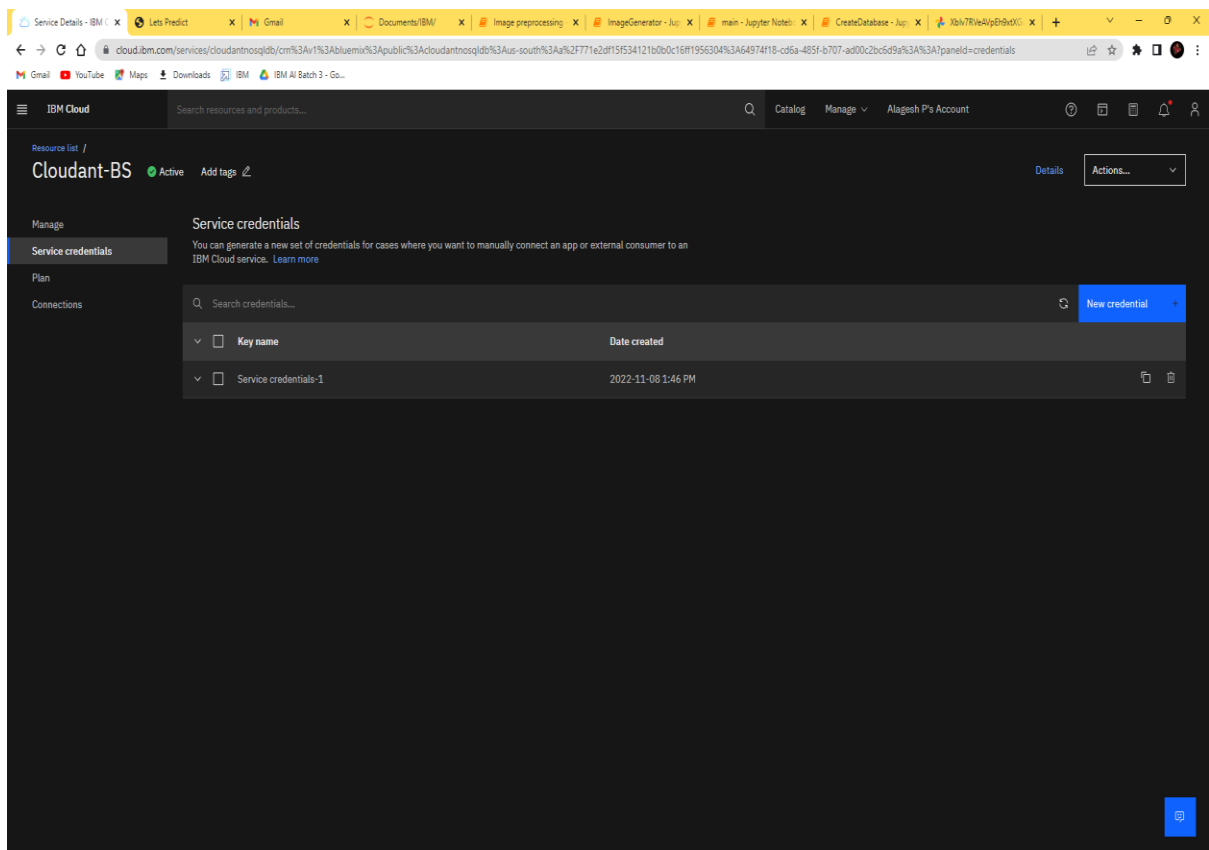# Cloudant DB

Team ID	PNT2022TMID44098
Project Name	Project – Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies

- ➢ Cloudant is a non-relational, distributed database service.
- ➢ Below are steps that need to follow for creating and using Cloudant service.
  - Register & Login to IBM Cloud
  - Create Service Instance
  - Creating Service Credentials
  - Launch Cloudant DB
  - Create Database

jupyter CreateDatabase Last Checkpoint: 3 minutes ago (autosaved)

File Edit View Insert Cell Kernel Widgets Help

Trusted   Python 3 (ipykernel)

```
In [2]: pip install cloudant
```

```
Defaulting to user installation because normal site-packages is not writeableNote: you may need to restart the kernel to use up
dated packages.

Collecting cloudant
  Downloading cloudant-2.15.0-py3-none-any.whl (80 kB)
     -------------------------------------- 80.5/80.5 kB 900.7 kB/s eta 0:00:00
Requirement already satisfied: requests<3.0.0,>=2.7.0 in c:\programdata\anaconda3\lib\site-packages (from cloudant) (2.28.1)
Requirement already satisfied: certifi>=2017.4.17 in c:\programdata\anaconda3\lib\site-packages (from requests<3.0.0,>=2.7.0->c
loudant) (2022.9.14)
Requirement already satisfied: idna<4,>=2.5 in c:\programdata\anaconda3\lib\site-packages (from requests<3.0.0,>=2.7.0->cloudan
t) (3.3)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\programdata\anaconda3\lib\site-packages (from requests<3.0.0,>=2.
7.0->cloudant) (2.0.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\programdata\anaconda3\lib\site-packages (from requests<3.0.0,>=2.7.0
->cloudant) (1.26.11)
Installing collected packages: cloudant
Successfully installed cloudant-2.15.0
```

```
from cloudant.client import Cloudant
```

```
In [3]: from cloudant.client import Cloudant
```

```
In [5]: client=Cloudant.iam('6ff3e404-5b20-4069-b75f-b9b4e167e039-bluemix','Sll7e4MtPW8teDCTDgoS5hCzr5nRB4zWQw-lkQJvRYIN',connect=True)
```

```
In [6]: my_database=client.create_database('my_database')
```