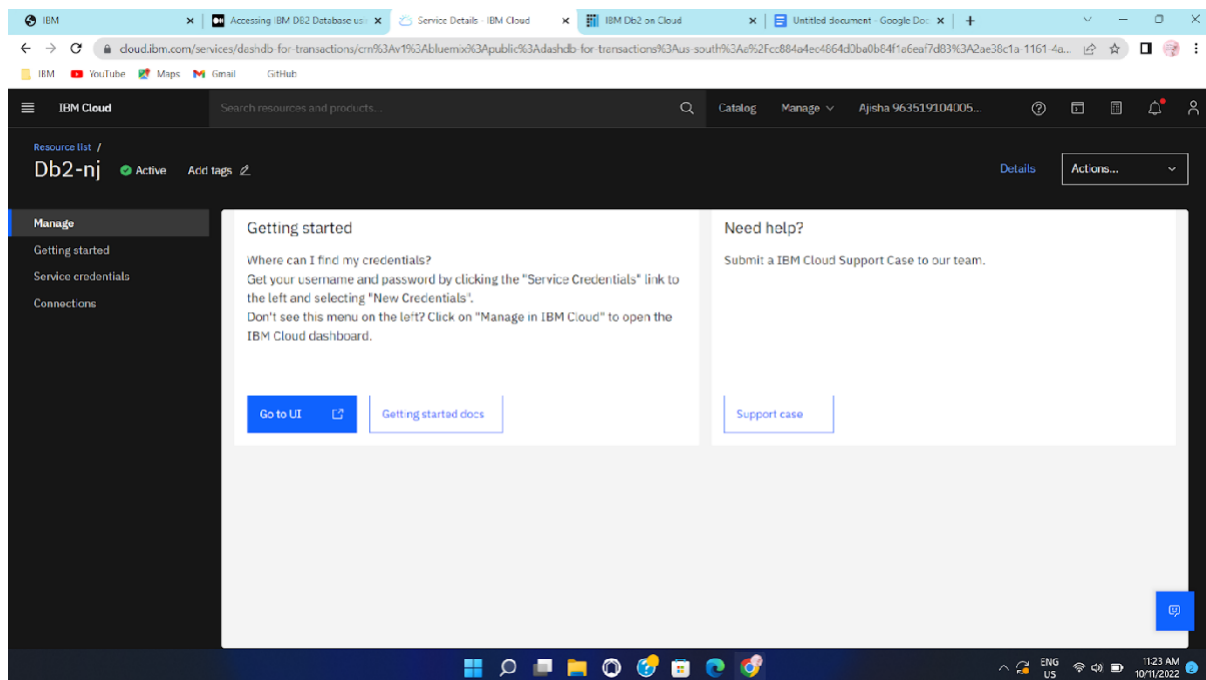
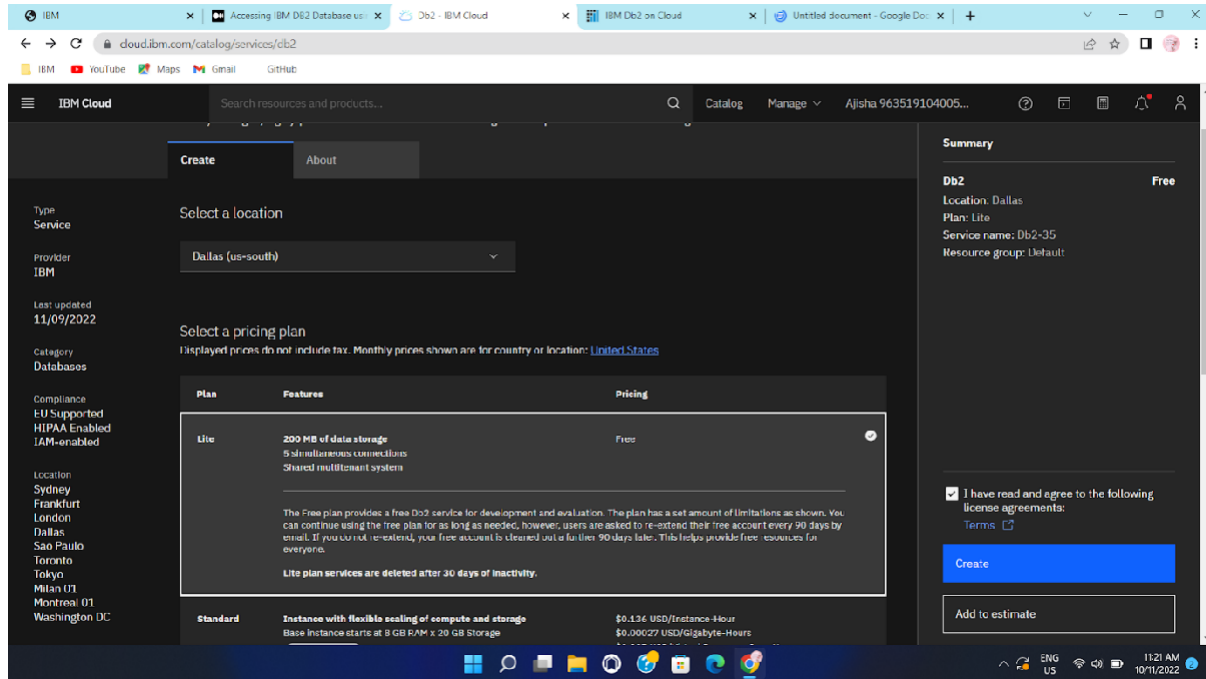


IMPLEMENTING WEB APPLICATION

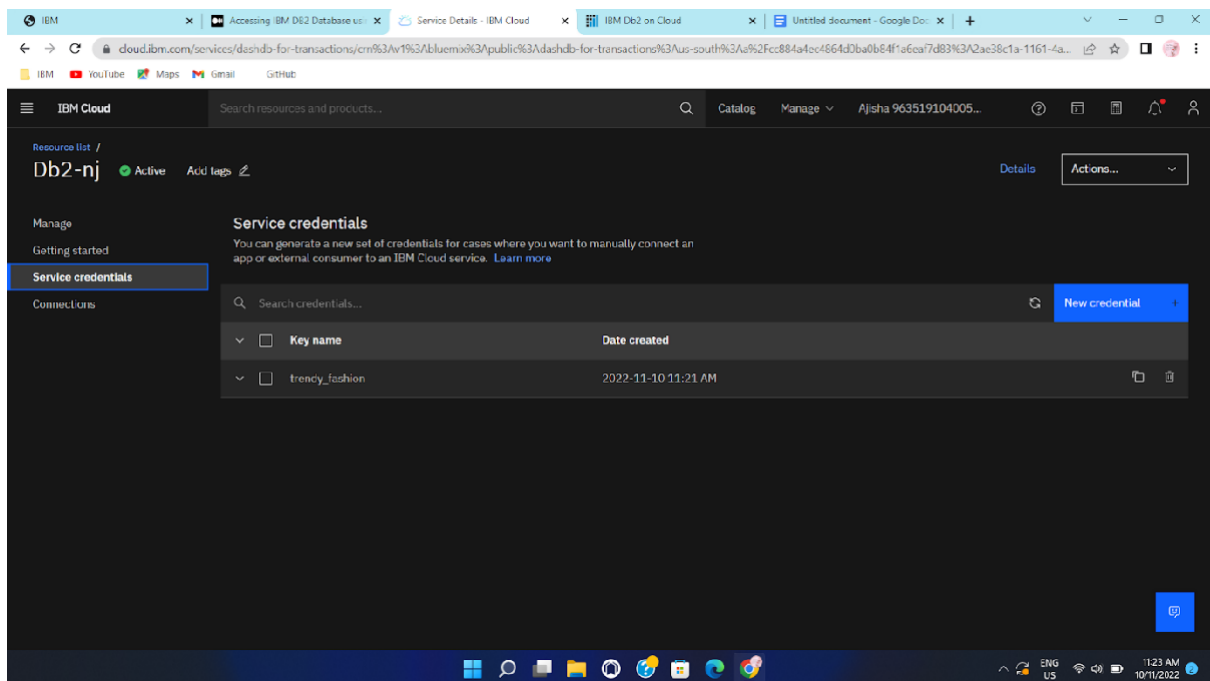
CREATE IBM DB2 AND CONNECT WITH PYTHON

TEAM ID	PNT2022TMID25979
PROJECT NAME	Smart Fashion Recommender Application

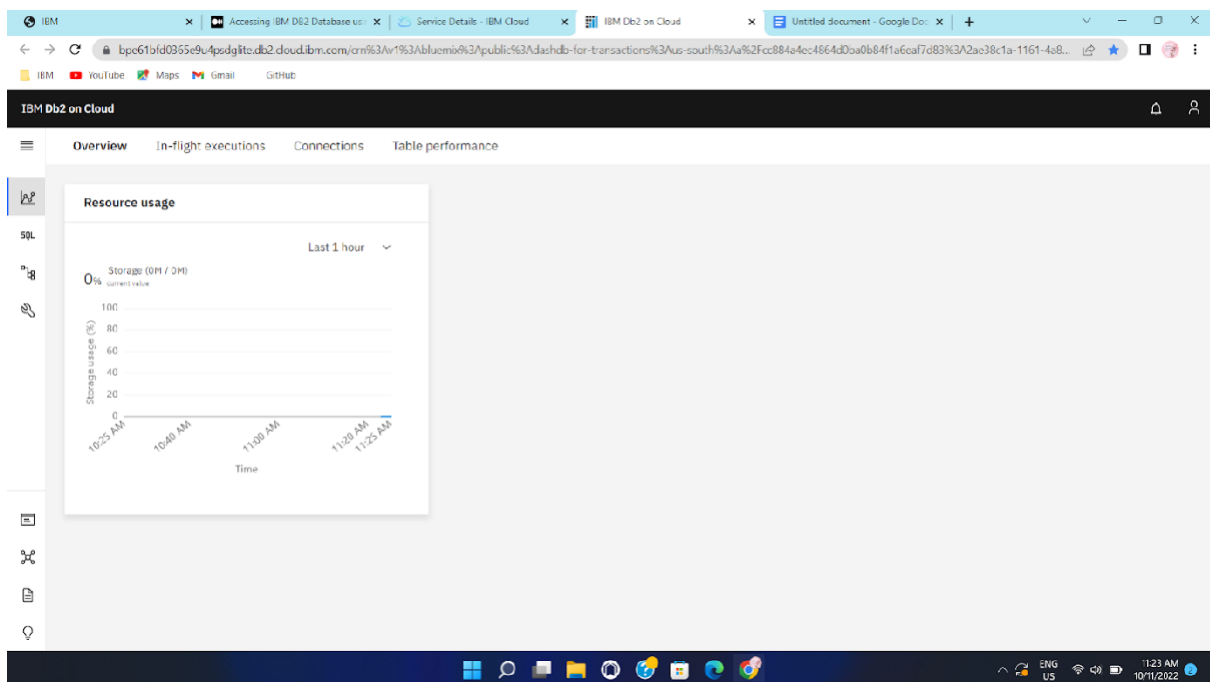
Create IBM DB2:



Access Service Credential database from Python. click on the New Credentials button to generate Service Credentials for your IBM DB2 Database:



Overview of IBM BD2 on Cloud:



Download the python library IBM db.

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

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

PS C:\Projects\smart fashion recommender application> python -m pip install -U wheel setuptools
Requirement already satisfied: wheel in c:\users\hp\appdata\local\programs\python\python311\lib\site-packages (0.38.4)
Requirement already satisfied: setuptools in c:\users\hp\appdata\local\programs\python\python311\lib\site-packages (65.5.1)
PS C:\Projects\smart fashion recommender application> python setup.py sdist bdist_wheel
C:\Users\hp\AppData\Local\Programs\Python\Python311\python.exe: can't open file 'C:\\Projects\\smart fashion recommender application\\setup.py': [Errno 2] N
o such file or directory
PS C:\Projects\smart fashion recommender application> pip install wheel
Requirement already satisfied: wheel in c:\users\hp\appdata\local\programs\python\python311\lib\site-packages (0.38.4)
PS C:\Projects\smart fashion recommender application> python -m pip install build
Collecting build
  Downloading build-0.9.0-py3-none-any.whl (17 kB)
Collecting packaging>=19.0
  Downloading packaging-21.3-py3-none-any.whl (40 kB)
    40.0/40.0 kB 277.4 kB/s eta 0:00:00
Collecting pep517>=0.9.1
  Downloading pep517-0.13.0-py3-none-any.whl (18 kB)
Requirement already satisfied: colorama in c:\users\hp\appdata\local\programs\python\python311\lib\site-packages (from build) (0.4.6)
Collecting pyparsing!=3.0.5,>=2.0.2
  Downloading pyparsing-3.0.9-py3-none-any.whl (98 kB)
    98.0/98.0 kB 784.8 kB/s eta 0:00:00
Installing collected packages: pyparsing, pep517, packaging, build
Successfully installed build-0.9.0 packaging-21.3 pep517-0.13.0 pyparsing-3.0.9
PS C:\Projects\smart fashion recommender application> python -m build --wheel
ERROR: Source C:\Projects\smart fashion recommender application does not appear to be a Python project: no pyproject.toml or setup.py
PS C:\Projects\smart fashion recommender application> python setup.py sdist bdist_wheel
running sdist
running egg_info
creating mypackage.egg-info
writing mypackage.egg-info\PKG-INFO
writing dependency_links to mypackage.egg-info\dependency_links.txt
writing requirements to mypackage.egg-info\requires.txt
writing top-level names to mypackage.egg-info\top_level.txt
writing manifest file 'mypackage.egg-info\SOURCES.txt'
reading manifest file 'mypackage.egg-info\SOURCES.txt'
writing manifest file 'mypackage.egg-info\SOURCES.txt'
```

IBM DB2 with python:

```
db.html - smart fashion recommender application - Visual Studio Code

1 import ibm_db
2 hostname=""
3 uid=""
4 pwd=""
5 driver="{IBM DB2 ODBC DRIVER}"
6 db="bludb"
7 port=""
8 protocol="TCP/IP"
9 cert="Certificate.crt"
10 dsn=(
11     "DATABASE={0};"
12     "HOSTNAME={1};"
13     "PORT={2};"
14     "UID={3};"
15     "SECURITY=SSL;"
16     "SSLServerCertificate={4};"
17     "PWD={5});"
18 ).format(db,hostname,port,uid,cert,pwd)print(dsn)
19 try:
20     db2_ibm_db.connect(dsn, "", "")
21     print("Connected to data base")
22 except:
23     print("Unable to connect", ibm_d
```