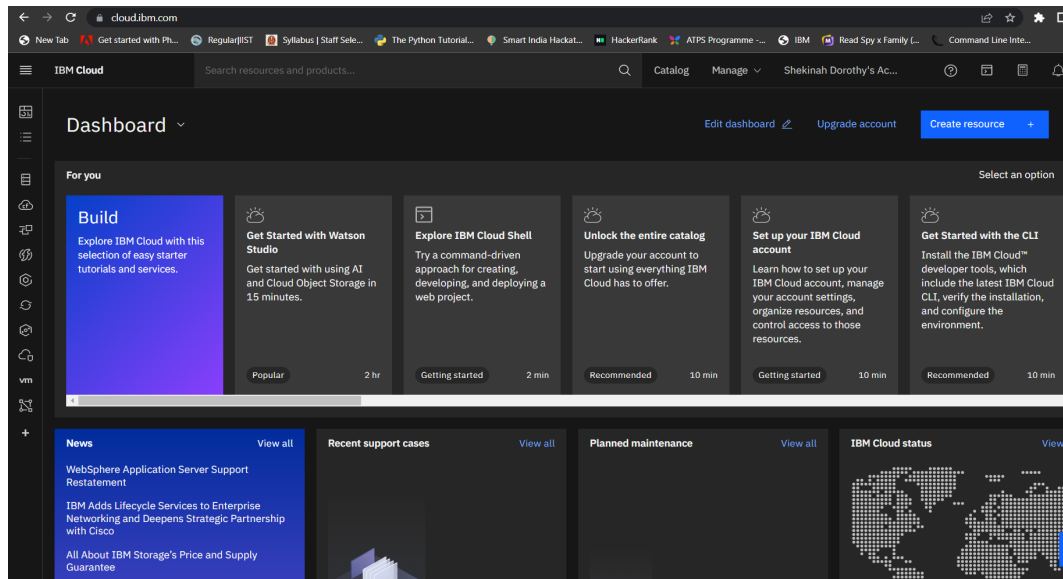
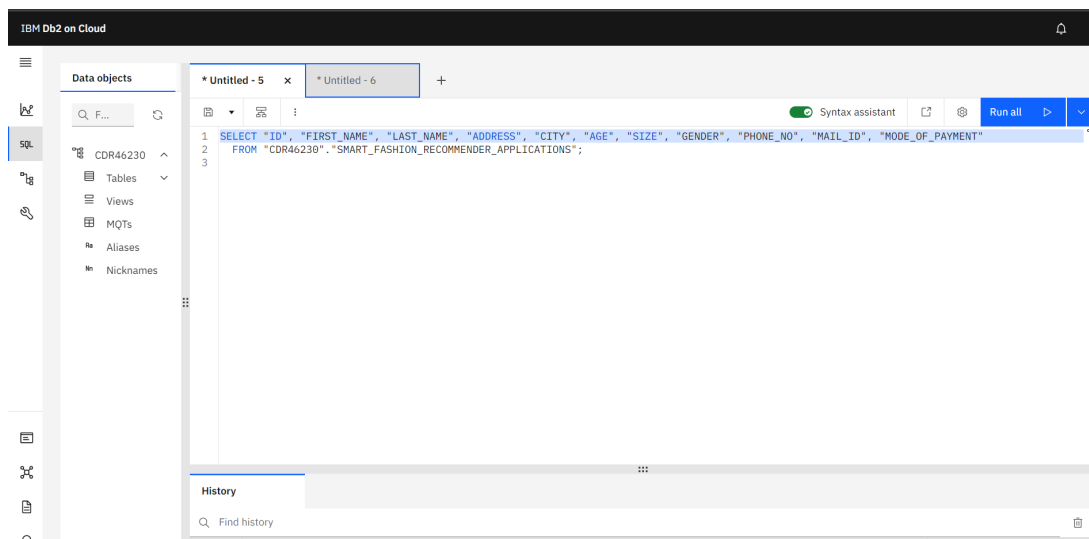


# Create IBM DB2 And Connect With Python

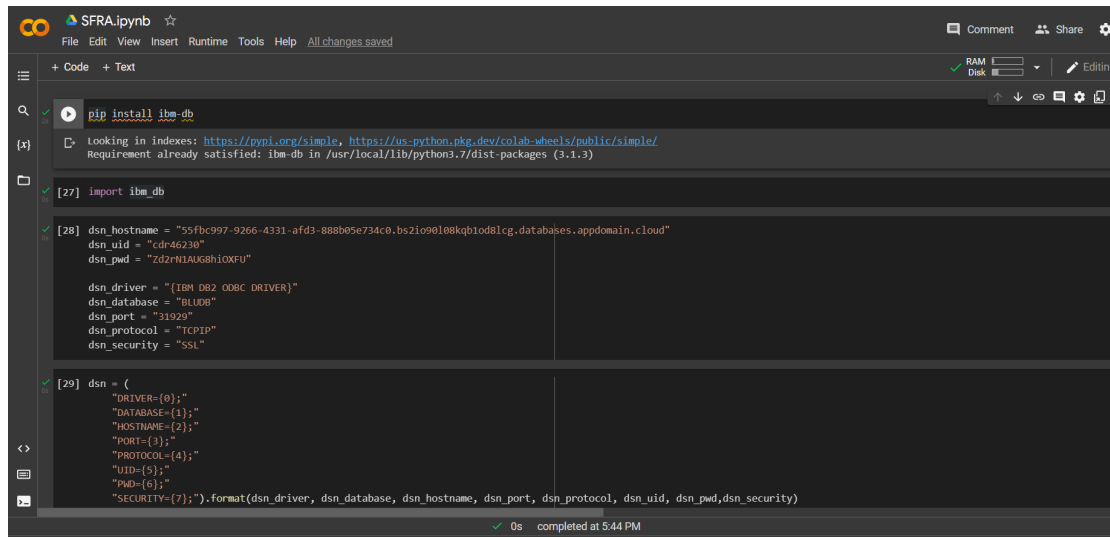
## IBM Account Creation



## Connecting python with DB2



# Running Python Code and Uploading Ibm lib



The screenshot shows a Jupyter Notebook interface with the following code cells:

```
pip install ibm_db
```

Looking in indexes: <https://pypi.org/simple>, <https://us-python.pkg.dev/colab-wheels/public/simple/>  
Requirement already satisfied: ibm-db in /usr/local/lib/python3.7/dist-packages (3.1.3)

```
[27] import ibm_db
```

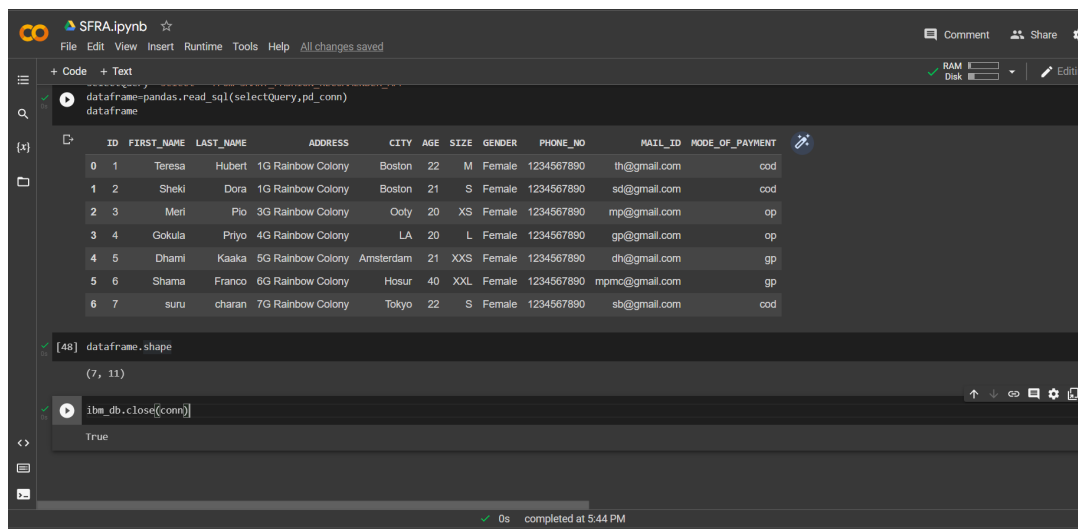
```
[28] dsn_hostname = "55fbc997-9266-4331-afd3-888b05e734c0.bs2io90l08kqbiod8lcg.databases.appdomain.cloud"
     dsn_uid = "cd46230"
     dsn_pwd = "ZdzrNIAUG8hIOXFU"

     dsn_driver = "{IBM DB2 ODBC DRIVER}"
     dsn_database = "BLUDB"
     dsn_port = "31920"
     dsn_protocol = "TCP/IP"
     dsn_security = "SSL"
```

```
[29] dsn = (
    "DRIVER={0};"
    "DATABASE={1};"
    "HOSTNAME={2};"
    "PORT={3};"
    "PROTOCOL={4};"
    "UID={5};"
    "PWD={6};"
    "SECURITY={7};").format(dsn_driver, dsn_database, dsn_hostname, dsn_port, dsn_protocol, dsn_uid, dsn_pwd, dsn_security)
```

0s completed at 5:44 PM

## Creation of table in our database



The screenshot shows a Jupyter Notebook interface with the following code cells:

```
dataframe-pandas.read_sql(selectQuery,pd_conn)
dataframe
```

	ID	FIRST_NAME	LAST_NAME	ADDRESS	CITY	AGE	SIZE	GENDER	PHONE_NO	MAIL_ID	MODE_OF_PAYMENT
0	1	Teresa	Hubert	1G Rainbow Colony	Boston	22	M	Female	1234567890	th@gmail.com	cod
1	2	Sheki	Dora	1G Rainbow Colony	Boston	21	S	Female	1234567890	sd@gmail.com	cod
2	3	Meri	Pio	3G Rainbow Colony	Ooty	20	XS	Female	1234567890	mp@gmail.com	op
3	4	Gokula	Priyo	4G Rainbow Colony	LA	20	L	Female	1234567890	gp@gmail.com	op
4	5	Dhami	Kaaka	5G Rainbow Colony	Amsterdam	21	XXS	Female	1234567890	dth@gmail.com	gp
5	6	Shama	Franco	6G Rainbow Colony	Hosur	40	XXL	Female	1234567890	mpmc@gmail.com	gp
6	7	suru	charan	7G Rainbow Colony	Tokyo	22	S	Female	1234567890	sbi@gmail.com	cod

```
[48] dataframe.shape
```

```
(7, 11)
```

```
ibm_db.close(conn)
```

True

0s completed at 5:44 PM