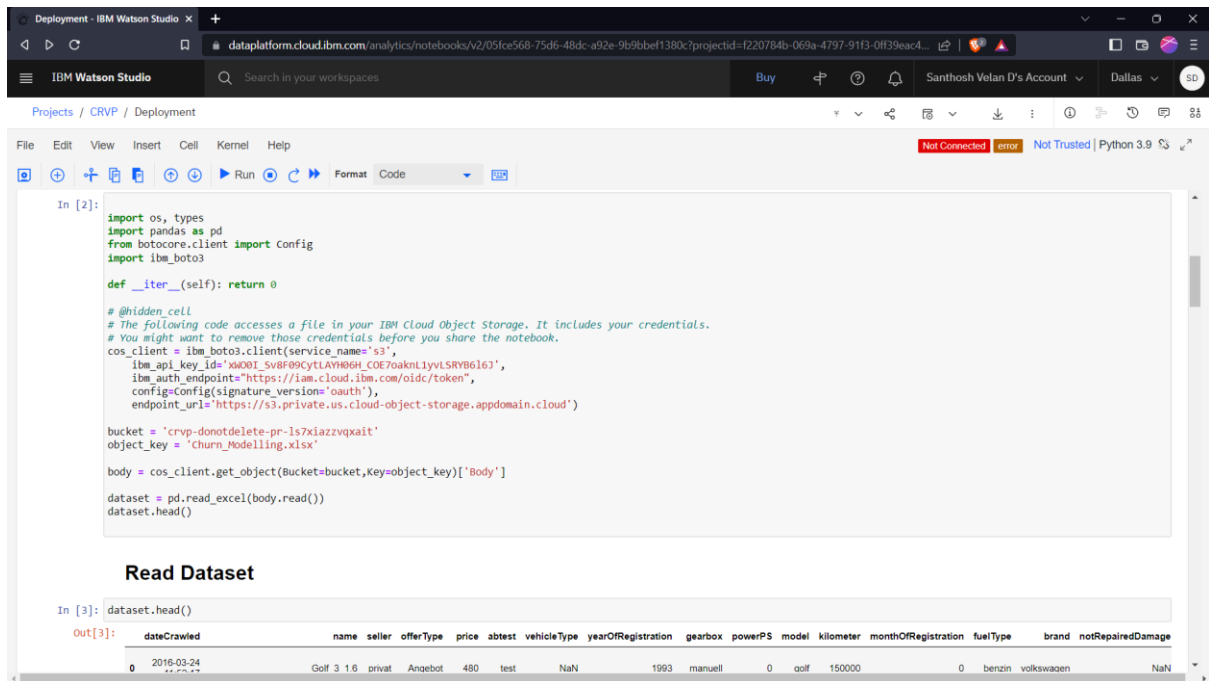


# Train Model On IBM Cloud



The screenshot shows the IBM Watson Studio interface. The top navigation bar includes 'Deployment - IBM Watson Studio' and a search bar. The main workspace displays a notebook with the following Python code:

```
In [2]: import os, types
import pandas as pd
from boto3.client import Config
import boto3

def __iter__(self): return 0

# @hidden_cell
# The following code accesses a file in your IBM Cloud Object Storage. It includes your credentials.
# You might want to remove those credentials before you share the notebook.
cos_client = boto3.client(service_name='s3',
                          aws_access_key_id='xw001sv8f09cytLAVH06H_COE7oaknL1yVLSRYB616J',
                          aws_secret_access_key='https://iam.cloud.ibm.com/oidc/token',
                          config=Config(signature_version='oauth'),
                          endpoint_url='https://s3.private.us.cloud-object-storage.appdomain.cloud')

bucket = 'crvp-donotdelete-pr-1s7xiazvqxait'
object_key = 'churn_Modelling.xlsx'

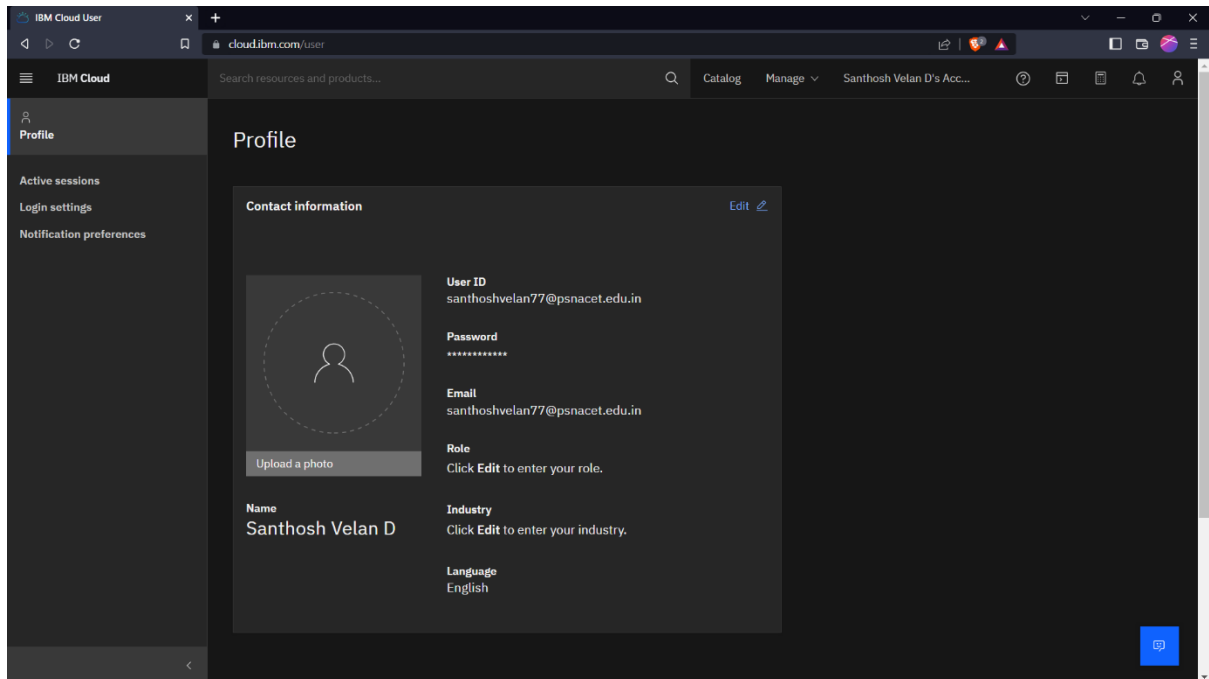
body = cos_client.get_object(Bucket=bucket, Key=object_key)['Body']

dataset = pd.read_excel(body.read())
dataset.head()
```

Below the code, the output of the notebook is displayed, showing the first few rows of the dataset:

```
In [3]: dataset.head()
Out[3]:
```

|   | dateCrawled | name | seller | offerType | price  | abtest  | vehicleType | yearOfRegistration | gearbox | powerPS | model   | kilometer | monthOfRegistration | fuelType | brand | notRepairedDamage |            |     |
|---|-------------|------|--------|-----------|--------|---------|-------------|--------------------|---------|---------|---------|-----------|---------------------|----------|-------|-------------------|------------|-----|
| 0 | 2016-03-24  | Golf | 3      | 1.6       | privat | Angebot | 480         | test               | NaN     | 1993    | manuell | 0         | golf                | 150000   | 0     | benzin            | volkswagen | NaN |



The screenshot shows the IBM Cloud User Profile page. The left sidebar contains the following links: Profile, Active sessions, Login settings, and Notification preferences. The main content area displays the user's profile information:

**Profile**

**Contact information** [Edit](#)

**User ID**  
santhoshvelan77@psnacet.edu.in

**Password**  
\*\*\*\*\*

**Email**  
santhoshvelan77@psnacet.edu.in

**Role**  
Click Edit to enter your role.

**Name**  
Santhosh Velan D

**Industry**  
Click Edit to enter your industry.

**Language**  
English