

Team ID	PNT2022TMID18040
Project Title	Early Detection of Chronic Kidney Disease using Machine Learning

IBM Cloud Profile

The screenshot shows the IBM Cloud User Profile page. The user is logged in as RAVIKUMAR V. The profile details include:

- User ID:** 713319CS118@smartinternz.com
- Password:** *****
- Email:** 713319CS118@smartinternz.com
- Role:** Click [Edit](#) to enter your role.
- Name:** RAVIKUMAR V
- Industry:** Click [Edit](#) to enter your industry.
- Language:** English

The sidebar on the left contains the following navigation options:

- Profile
- Active sessions
- Login settings
- Notification preferences

The main content area has a 'Contact information' section with an 'Upload a photo' button and an 'Edit' link.

IBM Watson Studio

The screenshot shows the IBM Watson Studio dashboard. The user is logged in as RAVIKUMAR V. The dashboard includes the following sections:

- Welcome, Ravikumar!**
- Take a tutorial:** Step through implementing a Data fabric use case in a sample project.
- Work with data:** Create a project for your team to prepare data, find insights, or build models.
- Learn what's new:** Stay current with new features, enhancements, and other changes.
- Quick start:**
 - Create data pipelines with DataStage
 - Build customer profiles with IBM Match 360 with Watson
- Projects:**
 - Chronic Kidney Disease (Nov 12, 2022 06:13 PM)
- Notifications:**
 - Online deployment ready: The online deployment New Deployment in space Model is ready (Nov 12, 2022 07:10 PM)
- Deployments:**
 - Model (Nov 12, 2022 06:54 PM)

The dashboard also features a 'New in gallery' section and a 'Sending request...' status bar at the bottom.

Deployed ML project successfully

The screenshot shows the IBM Watson Studio interface. The top navigation bar includes the IBM logo, a search bar, and user account information (RAVIKUMAR V's Account). The main content area is titled "Deployments" and shows a table with one deployment entry:

Name	Type	Status	Asset	Last modified
New Deployment	Online	Deployed	Chronic_Kidney_Disease_Prediction	3 days ago RAVIKUMAR V (You)

Below the table, it indicates "Items per page: 20" and "1-1 of 1 items". On the right side, there is a message box that says "Drop files here or browse for files to upload." and a note: "Stay on the page until upload completes. Incomplete uploads are cancelled."

Uploaded Trained ML Model & Dataset Under deployments

The screenshot shows the IBM Watson Studio interface. The top navigation bar is the same as the previous screenshot. The main content area is titled "Assets" and shows a table with two assets:

Name	Last modified
Chronic Kidney Disease Prediction Notebook	4 days ago Modified by Unknown
chronickidneydisease.csv	4 days ago Modified by Unknown

Below the table, it indicates "Items per page: 20" and "1-2 of 2 items". On the right side, there is a message box that says "Drop data files here or browse for files to upload."

IBM Watson Studio Projects

Find a project

New project +

Name	Date created	Your role	Collaborators
Chronic Kidney Disease	4 days ago	Admin	RV

1 of 1 pages

IBM Watson Studio Projects / Chronic Kidney Disease / Chronic Kidney Disease Prediction

Read the Dataset

```
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',
    ibm_api_key_id='v2zhsrxi_BCoLAIQy0nesfe-ZoE-IUET62k_Iw3SoG6F',
    ibm_auth_endpoint='https://iam.cloud.ibm.com/oidc/token',
    config=Config(signature_version='oauth'),
    endpoint_url='https://s3.private.us.cloud-object-storage.appdomain.cloud')

bucket = 'chronickidneydisease-donotdelete-pr-yywgea5gh7wpuy'
object_key = 'chronickidneydisease.csv'

body = cos_client.get_object(Bucket=bucket,Key=object_key)['Body']
# add missing __iter__ method, so pandas accepts body as file-like object
if not hasattr(body, "__iter__"): body.__iter__ = types.MethodType(__iter__, body)

data = pd.read_csv(body)
data.head()
```