## PROJECT DEVELOPMENT PHASE Sprint 1

Date	18-Nov-22
Team ID	PNTIBM2022TMID52214
Project Name	Developing a Flight Delay Prediction Model Using Machine Learning
Maximum Marks	8 marks

## **Test cases:**

## **IBM CLOUD DEPLOYMENT:**

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In [1]: # Import libraries
                        # Import Libraries
import numy as np
import pandas as pd
# Import LabeL encoder
from sklearn.preprocessing import LabeLEncoder
from sklearn.ensemble import RandomForestClassifier
from sklearn.metrics import classification_report
from sklearn.metrics import jaccard_score
                         from sklearn.model_selection import train_test_split
                        # Import dataset
import os, types
import pandas as pd
from botocore.client import Config
import ibm_boto3
                         def __iter__(self): return 0
                       # @hidden_ccll
# The following code accesses a file in your IBM cloud Object Storage. It includes your credentials.
# You might wont to remove those credentials before you share the notebook.
cos_client = limb_boto3.client(service_name='s3',
    ibm_api_key_id='bm_lex4MySfWa2NAMF6ZGBnEMBBKh7otufBrUtC7V84yVO',
    ibm_auth_endpoint="https://jam.cloud.ibm.com/oldcftoken",
    config=Config(signature_version='oauth'),
    endpoint_url='https://s3.private.us.cloud-object-storage.appdomain.cloud')
                        bucket = 'randommodel-donotdelete-pr-jpkful51t7p3nj'
object_key = 'Processed_data15.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 )
```













