

```

import boto3

s3 = boto3.resource('s3',
    aws_access_key_id='AKIAWE62NIIJ76SC2I6Y',
    aws_secret_access_key='gh3vAOLjbtR+EGcb+ZTPsSKsd3KRo+07if/MFyc'
)

try:
    s3.create_bucket(Bucket='datacont-jt', CreateBucketConfiguration={
        'LocationConstraint': 'us-west-2'})
except:
    print("this may already exist")

bucket = s3.Bucket("datacont-jt")

bucket.Acl().put(ACL='public-read')

dyndb = boto3.resource('dynamodb',
    region_name='us-east-2',
    aws_access_key_id='AKIAWE62NIIJ76SC2I6Y',
    aws_secret_access_key='gh3vAOLjbtR+EGcb+ZTPsSKsd3KRo+07if/MFyc'
)

try:
    table = dyndb.create_table(Table_name='DataTable', KeySchema=[
        {
            'AttributeName': 'PartitionKey',
            'KeyType': 'HASH'
        },
        {
            'AttributeName': 'RowKey',
            'KeyType': 'RANGE'
        }
    ],
    AttributeDefinitions=[
        {
            'AttributeName': 'PartitionKey',
            'AttributeType': 'S'
        },
        {
            'AttributeName': 'RowKey',
            'AttributeType': 'S' },
    ],
    ProvisionedThroughput={

```

```

        'ReadCapacityUnits': 5,
        'WriteCapacityUnits': 5 }
    )
except:
    table = dyndb.Table("DataTable")

table.meta.client.get_waiter('table_exists').wait(TableName='DataTable')
print(table.item_count)
import csv

with open('/Users/jessethomas/downloads/experiments.csv', 'r') as csvfile:
    csvf = csv.reader(csvfile, delimiter=',', quotechar='"')
    for item in csvf:
        print(item)
        body = open('/Users/jessethomas/downloads/'+item[3], 'rb')
        s3.Object('datacont-jt', item[3]).put(Body=body )
        md = s3.Object('datacont-jt', item[3]).Acl().put(ACL='public-read')
        url = " https://s3-us-east-2.amazonaws.com/datacont-jt/"+item[3]
        metadata_item = {'PartitionKey': item[0], 'RowKey': item[1],
            'description' : item[4], 'date' : item[2], 'url':url}
        try:
            table.put_item(Item=metadata_item)
        except:
            print("item may already be there or another failure")

response = table.get_item( Key={
    'PartitionKey': 'experiment2',
    'RowKey': '2' }
)
item = response['Item']
print(item)

```