

# **PYTHON AWS BOTO3** **REAL TIME SCENARIOS**

Watch this today's handson video on python programming -

[https://www.youtube.com/watch?v=8qkP6A6L\\_qA](https://www.youtube.com/watch?v=8qkP6A6L_qA)

**Step 1 - Clone this repo to local**

[https://github.com/AWS-AZURE-Bootcamp5/Python\\_Real\\_Time\\_Coding.git](https://github.com/AWS-AZURE-Bootcamp5/Python_Real_Time_Coding.git)

**Step 2 -**

Install Python - <https://www.python.org/downloads/>

Install Visual Studio -

<https://visualstudio.microsoft.com/downloads/>

**Step 3 - Setup AWS account and complete the aws configure in local by giving the access keys and secret keys**

100% Job Ready PRIME BATCH6.0 - <https://heydevops.in/batch6>

```
AWS Access Key ID [*****GS0H]:  
AWS Secret Access Key [*****aY5k]:  
Default region name [us-west-1]:  
Default output format [None]: █
```

## Step 4 - Install the required Python Modules

```
pip install boto3
```

```
pip install requests
```

```
pip install beautifulsoup4
```

## Step 5 - Go to the AWS and create a EC2 instance manually

## Step 6 - Go to EC2 folder in github and run the [Get Instance data.py](#)

You will notice the output with details

## Step 7 - Go to

<https://github.com/AWS-AZURE-Bootcamp5/Python>

[Real\\_Time\\_Coding/blob/main/DynamoDB/dynamo\\_db.py](https://github.com/AWS-AZURE-Bootcamp5/Python_Real_Time_Coding/blob/main/DynamoDB/dynamo_db.py)

Run the script - `python3 dynamo_db.py`

## **Step 8 - Upload the data in database in AWS**

[https://github.com/AWS-AZURE-Bootcamp5/Python\\_Real\\_Time\\_Coding/blob/main/DynamoDB/PutData\\_Db.py](https://github.com/AWS-AZURE-Bootcamp5/Python_Real_Time_Coding/blob/main/DynamoDB/PutData_Db.py)

Run the script - `python3 PutData_Db.py`

## **Step 9 - Update the data in database**

[https://github.com/AWS-AZURE-Bootcamp5/Python\\_Real\\_Time\\_Coding/blob/main/DynamoDB/Update\\_Db.py](https://github.com/AWS-AZURE-Bootcamp5/Python_Real_Time_Coding/blob/main/DynamoDB/Update_Db.py)

Run the script - `python3 Update_Db.py`

## **Step 10 - Go to**

[https://github.com/AWS-AZURE-Bootcamp5/Python\\_Real\\_Time\\_Coding/blob/main/S3/S3.py](https://github.com/AWS-AZURE-Bootcamp5/Python_Real_Time_Coding/blob/main/S3/S3.py)

Run the script - `python3 S3.py`

## **Step 11 - Change the file name in**

[https://github.com/AWS-AZURE-Bootcamp5/Python  
Real\\_Time\\_Coding/blob/main/S3/upload\\_s3.py](https://github.com/AWS-AZURE-Bootcamp5/Python_Real_Time_Coding/blob/main/S3/upload_s3.py)

Run the script - `python3 upload_s3.py`

