AWS – Day 1

ML Project Workflow

1. Problem Statement
2. Data Gathering
3. EDA
4. Feature engineering
5. Feature selection
6. Model Training
7. Model evaluation
8. Deployment - a. Cloud / Instance creation - Using EC2 service
   b. Python and dependencies - Required files and libraries
   c. App configuration - Running app/main/interface files

Available Cloud Platforms

1. AWS – Amazon Web Services
2. GCP – Google Cloud Platform
3. Azure – Microsoft Azure

Why Choose AWS

1. Easy to use
2. Free services for limited time period
3. Pay for what you use
4. Wide range of services
5. Highest market share in cloud service users

AWS Free Tier Account Creation

Search AWS free tier account
Click on the first link
Create free tier account
Enter your email id
Create username
Click on next
Enter the verification code sent on your email id and verify your account
Next
Once the mail id is verified, it will take you for 5 step sign in process

Step 1

Create password
Next

Step 2

Choose : Personal Use
Fill the details
Enter your mobile number and address
Next

Step 3

Enter the credit card number
Expiration month and year
CVV
Cardholder name
Billing address (You can select as same address or add a new one)
PAN number
Next

Step 4

Enter the OTP sent on credit card cardholder registered mobile number
(2 Rs will be deducted for verification process for 3-5 business days)
Once it is verified you will be able to login in the AWS account

Step 5

Sign in to the console
Select Root User
Enter mail id
Enter password
You will be logged in to AWS account

To monitor your bills:

Click on top righthand corner – AWS Username
Select Billing Dashboard
View your bill

For Bill Payment

Click on top righthand corner – AWS Username
Select Billing Dashboard
Payments
Pay Now
Pay using net banking or Card details