**Learning Pathway**

1. **Familiarize with AWS Basics**:
   * **AWS Free Tier**: Start with the AWS Free Tier to get hands-on experience without incurring costs.
   * **AWS Training and Certification**: Utilize AWS’s free training resources and official documentation to learn about various services.
2. **Project Ideas** Here are some projects to help you develop practical skills:
   * **Web Application Hosting**:
     + Host a static website using Amazon S3 and configure CloudFront for CDN distribution.
     + Build a dynamic web application using AWS Elastic Beanstalk or AWS Lambda with API Gateway.
   * **Serverless Application**:
     + Create a serverless application using AWS Lambda, DynamoDB, and API Gateway to manage data.
     + Develop a simple CRUD (Create, Read, Update, Delete) API.
   * **Data Processing Pipeline**:
     + Set up an ETL (Extract, Transform, Load) process using AWS Glue and Amazon Redshift or S3 for data storage and analysis.
     + Use AWS Lambda to automate data processing in response to events in S3.
   * **Security Projects**:
     + Implement IAM (Identity and Access Management) policies to manage access to AWS resources securely.
     + Set up AWS CloudTrail and AWS Config to monitor and log activity for compliance and auditing purposes.
     + Create a secure VPC (Virtual Private Cloud) architecture with subnets, security groups, and NACLs (Network Access Control Lists).
   * **CI/CD Pipeline**:
     + Create a CI/CD pipeline using AWS CodePipeline, CodeBuild, and CodeDeploy to automate application deployment.
   * **Monitoring and Alerting**:
     + Set up monitoring for your AWS resources using Amazon CloudWatch and create alarms for certain thresholds.