**Creating EC2 Web Server Using Data Script**

When you launch an instance in Amazon EC2, you have the option of passing user data to the instance that can be used to perform common automated configuration tasks and even run scripts after the instance starts. You can pass two types of user data to Amazon EC2: shell scripts and cloud-init directives.

In this Project I am leveraging the power Shell Script to automate the configuration of web server.

Steps are very similar to the creation of an EC2 Instance, with addition of user data script.

**Steps:-**

1. Log into AWS Management Console

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1. Navigate to EC2 Dashboard🡪Launch EC2 Instance

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1. Give Name
2. choose AMI.

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1. Select suitable instance type.
2. Select Key-Pair for Authentication

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1. In Network Settings add Security Group for Port 80.

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8. **Advanced Details🡪User Data.**

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Now Click on Launch Instance

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Now Copy the Public Ip Address and Paste in the web browser along with index.html as shown in the below image.

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Now our Web Browser Up and running.

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This also showing our web server is running.