

AWS PROJECT SUBMISSION

NAME : B.DAKSHAYENI

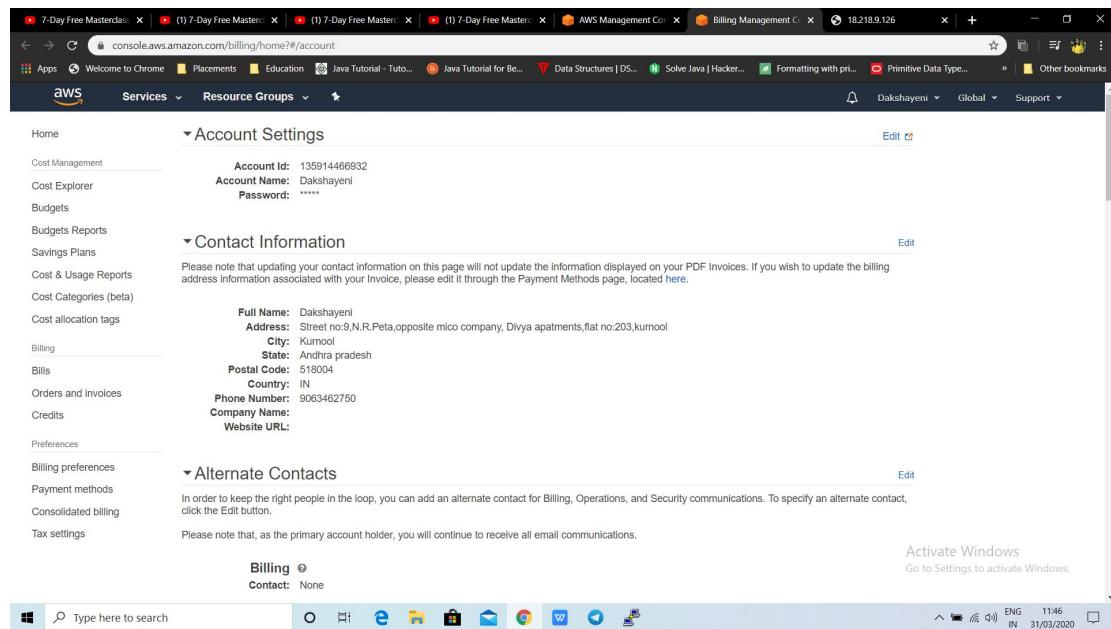
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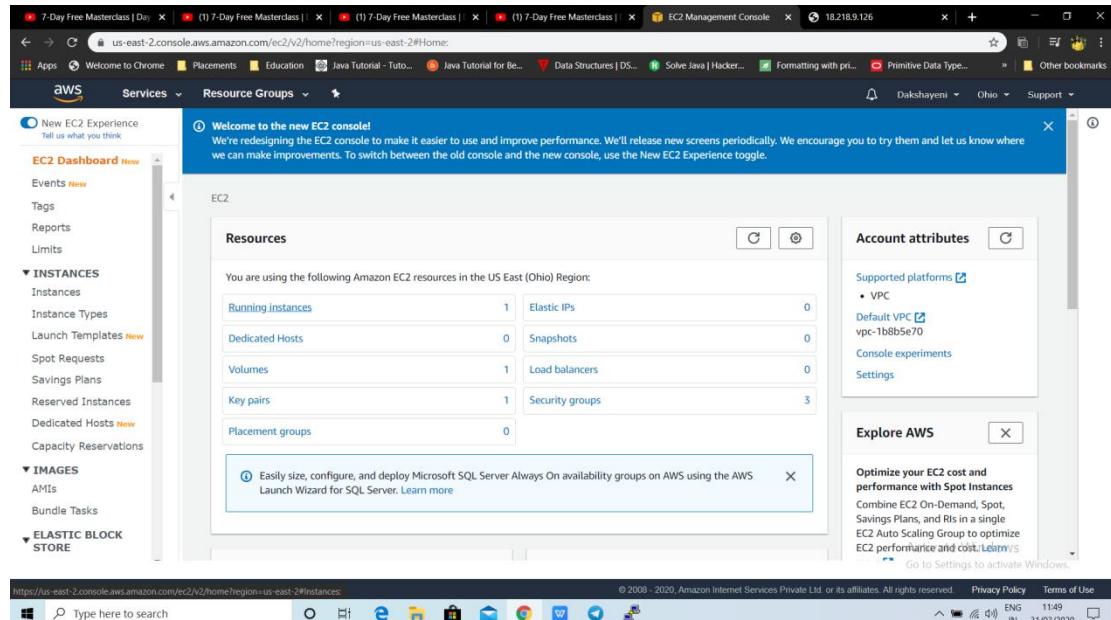
UNIVERSITY : VELLORE INSTITUTE OF TECHNOLOGY,VELLORE

SCREENSHOTS NEEDED FOR DASHBOARDS :

1.AWS Login screen with username :



2. EC2 DASHBOARD :



3. S3 DASHBOARD :

The screenshot shows the AWS S3 Management Console. On the left, a sidebar titled 'Amazon S3' lists 'Buckets', 'Batch operations', 'Access analyzer for S3', 'Block public access (account settings)', and a 'Feature spotlight'. The main area is titled 'Amazon S3' and shows a table for 'Buckets (1)'. The table has columns for 'Name', 'Region', 'Access', and 'Bucket created'. It contains one row for 'dakshayeni' located in 'US East (Ohio) us-east-2' with 'Objects can be public' access and created on '2020-03-31T09:37:59.000Z'. At the top of the main area, there is a message: 'We're gradually updating the design of the Amazon S3 console. You will notice some updated screens as we improve the performance and user interface. To help us improve the experience, give feedback on the recent updates.' The status bar at the bottom indicates 'Activate Windows Go to Settings to activate Windows.'

4. Rekognition Dashboard

The screenshot shows the AWS Rekognition Console. The left sidebar includes 'Amazon Rekognition', 'Custom Labels New', 'Use Custom Labels', 'Demos', 'Object and scene detection', 'Image moderation', 'Facial analysis', 'Celebrity recognition', 'Face comparison', 'Text in image', 'Video Demos', 'Video analysis', 'Metrics', 'Additional Resources', and 'Getting started guide'. The main content area features a large banner for 'Amazon Rekognition' with the subtext 'Deep learning-based visual analysis service' and 'Search, verify, and organize millions of images and videos'. Below the banner are three icons: a stack of squares for 'Easily Integrate Powerful Visual Analysis into Your App', a circuit board for 'Continuously Learning', and interlocking puzzle pieces for 'Integrated with AWS Services'. The status bar at the bottom indicates 'Activate Windows Go to Settings to activate Windows'.

SCREENSHOTS NEEDED FOR EC2 :

1. CHOOSING AN AMI :

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Q Search for an AMI by entering a search term e.g. "Windows"

Quick Start

My AMIs

AWS Marketplace

Community AMIs

Free tier only ⓘ

Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0e01ce4ee18447327 (64-bit x86) / ami-03201374ab66a26e (64-bit Arm)

Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select 64-bit (x86) 64-bit (Arm)

Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-01b01bbd08f24c7a8

The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select 64-bit (x86)

Red Hat Enterprise Linux 8 (HVM), SSD Volume Type - ami-0520e698dd500b1d1 (64-bit x86) / ami-0099847d600887c9f (64-bit Arm)

Red Hat Enterprise Linux version 8 (HVM), EBS General Purpose (SSD) Volume Type

Root device type: ebs Virtualization type: hvm ENA Enabled: Yes

Select 64-bit (x86) 64-bit (Arm)

Activate Windows
Go to Settings to activate Windows.

2. CHOOSING AN INSTANCE TYPE :

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs ⓘ	Memory (GiB)	Instance Storage (GB) ⓘ	EBS-Optimized Available ⓘ	Network Performance ⓘ	IPv6 Support ⓘ
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate	Yes
<input checked="" type="checkbox"/>	General purpose	t2.micro	1	1	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate	Yes
<input type="checkbox"/>	General purpose	t2.xlarge	4	16	EBS only	-	Moderate	Yes
<input type="checkbox"/>	General purpose	t2.2xlarge	8	32	EBS only	-	Moderate	Yes

Cancel Previous Review and Launch Next: Configure Instance Details

Activate Windows
Go to Settings to activate Windows.

3.ADDING STORAGE :

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. Learn more about storage options in Amazon EC2.

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encryption
Root	/dev/xvda	snap-0f54692056aaa4c20	8	General Purpose SSD (gp2)	100	3000	N/A	Not Encrypted

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.

4.CONFIGURING SECURITY GROUP:

Step 6: Configure Security Group

A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. Learn more about Amazon EC2 security groups.

Assign a security group: Create a new security group Select an existing security group

Security group name: launch-wizard-3

Description: launch-wizard-3 created 2020-04-02T10:05:44.971+05:30

Type	Protocol	Port Range	Source	Description
SSH	TCP	22	Custom 0.0.0.0/0	e.g. SSH for Admin Desktop

Add Rule

Warning
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

Cancel Previous Review and Launch Go to Settings to Update Windows

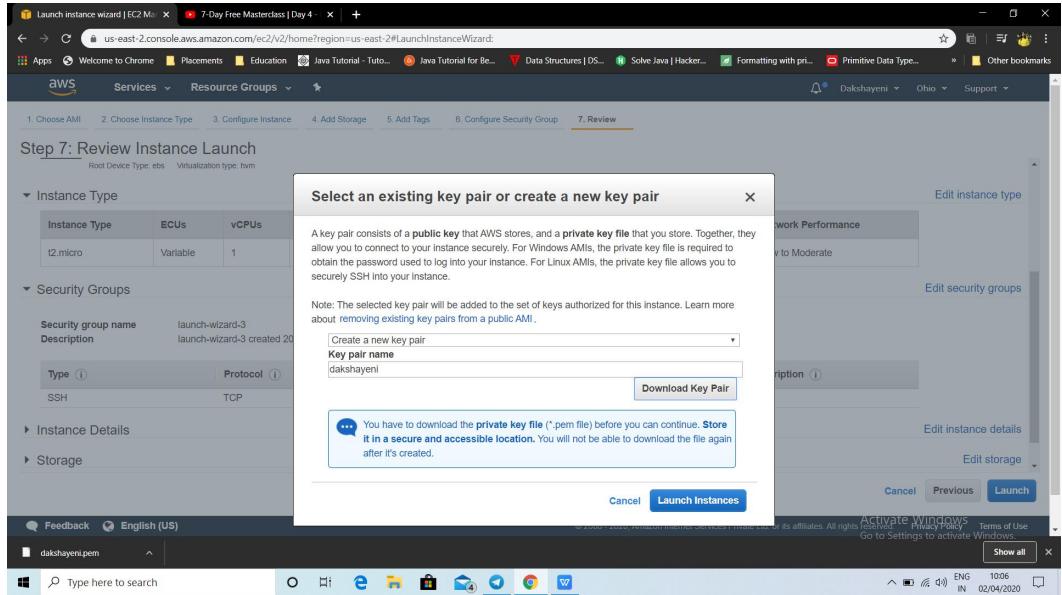
Feedback English (US)

Type here to search

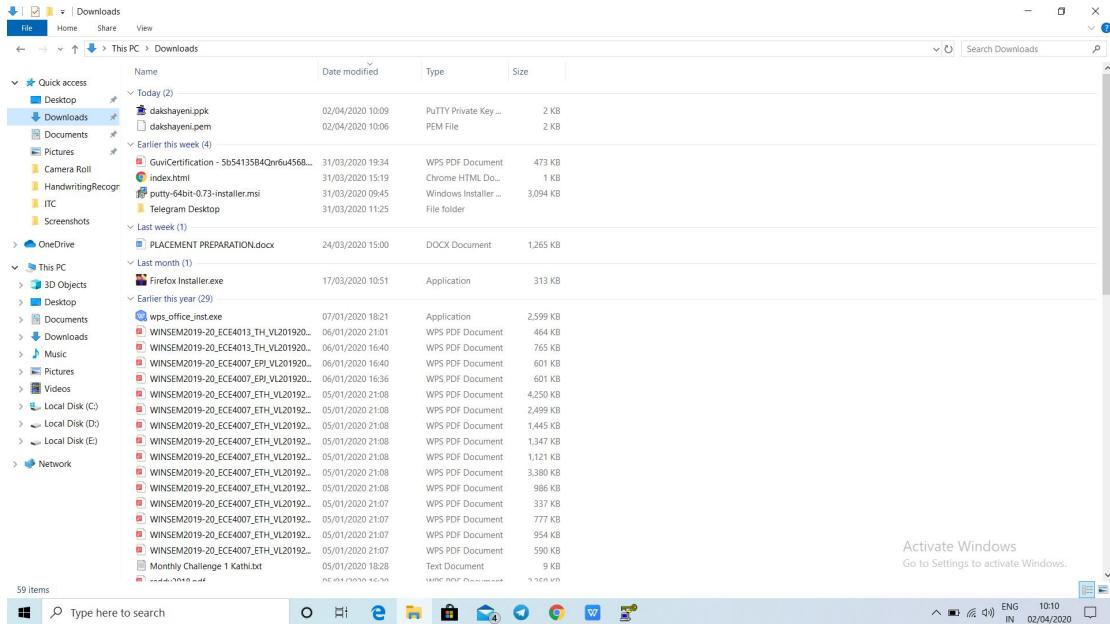
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ENG IN 1005 02/04/2020

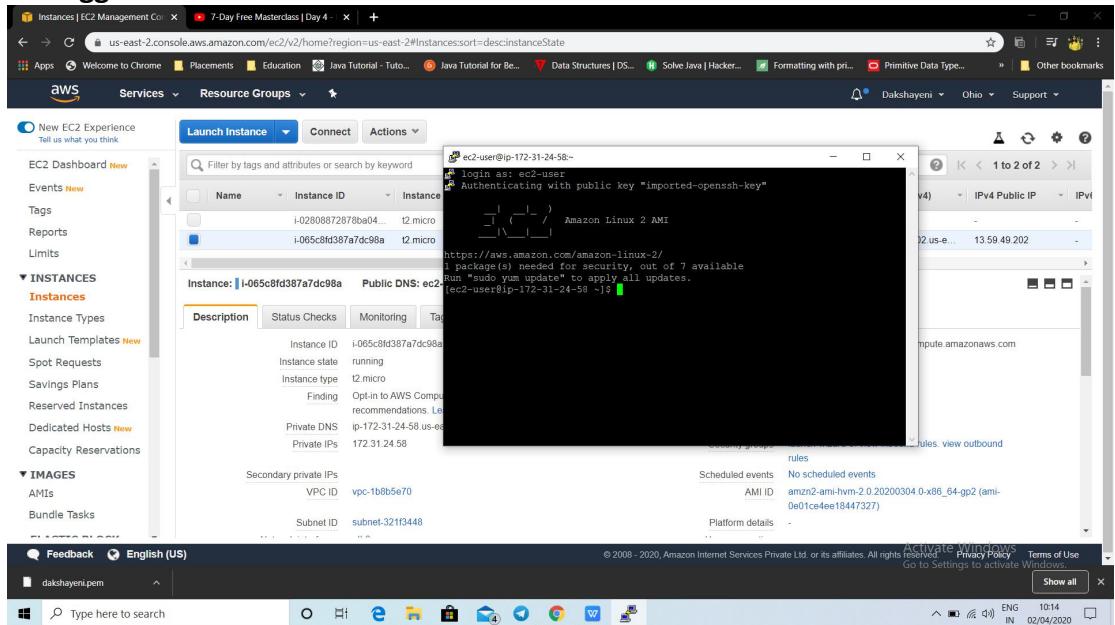
5. KEY PAIR DOWNLOAD :



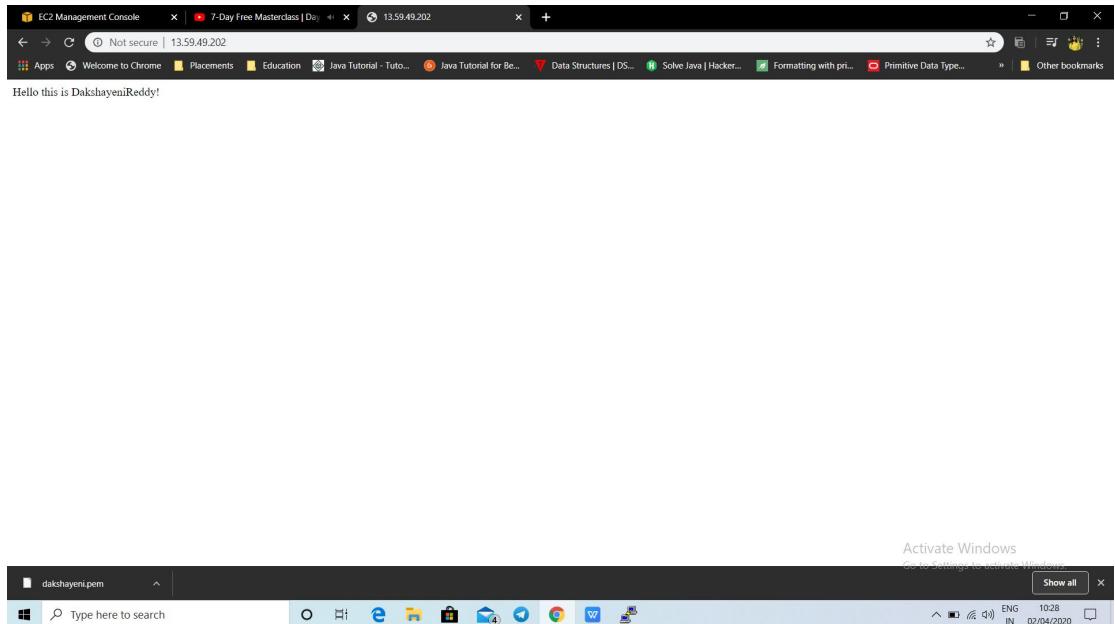
6. PuTTYgen conversion from pem to ppk



7. Logged in EC2 black screen



8. IP ADDRESS HOSTING :



Screenshots needed for S3 :

1. Creating a bucket

The screenshot shows the 'Create bucket' wizard in the AWS S3 Management Console. The 'General configuration' section is visible, with the 'Bucket name' field set to 'dakshayenireddy'. The 'Region' dropdown is set to 'US East (Ohio) us-east-2'. Below this, the 'Bucket settings for Block Public Access' section is shown, with the 'Block all public access' checkbox checked. A note explains that this setting applies to all four access control settings. The status bar at the bottom indicates 'Activate Windows'.

2. Uploading an Object

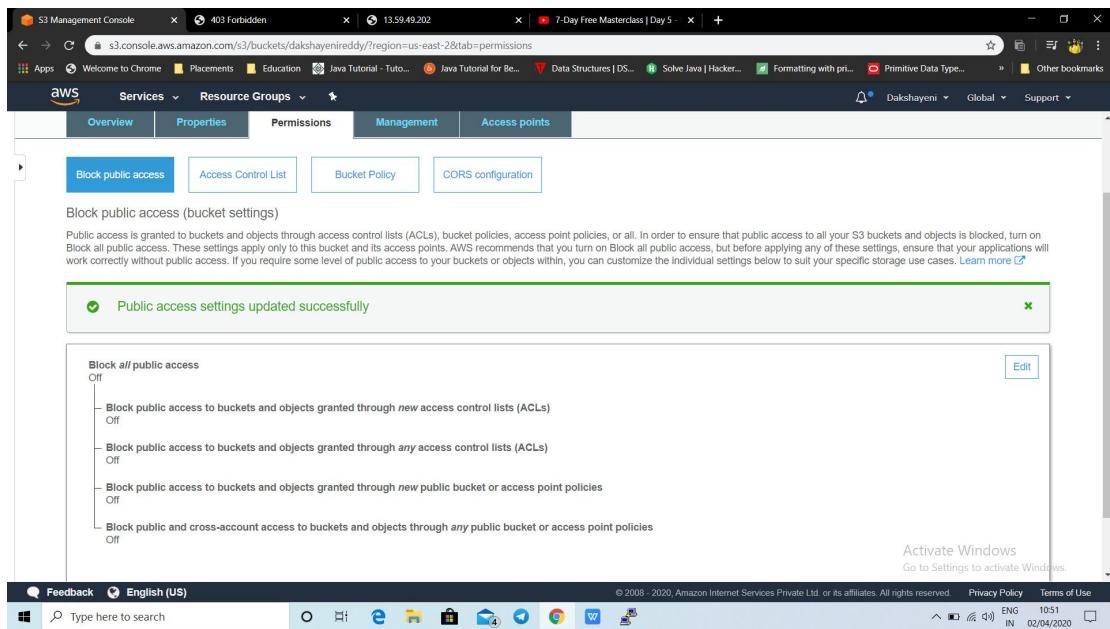
The screenshot shows the object details page for 'index.html' in the 'dakshayenireddy' bucket. The 'Overview' tab is selected. The object was uploaded successfully on April 2, 2020, at 10:32:48 AM GMT+0530, with a size of 21.0 B and a storage class of Standard. The status bar at the bottom indicates 'Activate Windows'.

3. Enabling Static Website

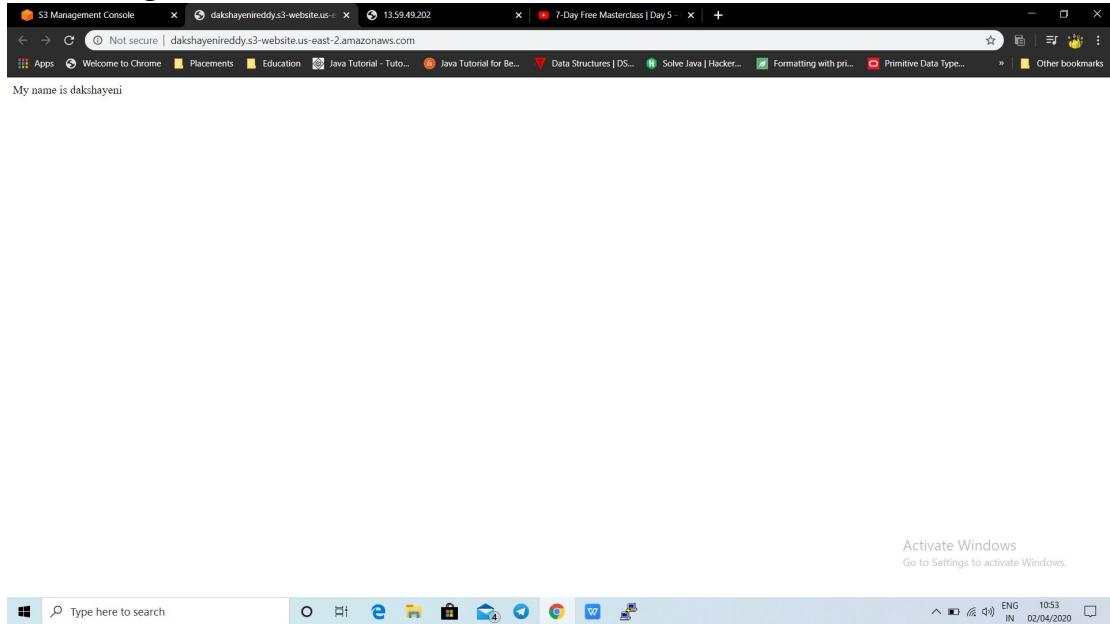
The screenshot shows the AWS S3 Management Console with the 'Static website hosting' configuration dialog open. The dialog includes fields for the endpoint (http://dakshayenireddy.s3-website.us-east-2.amazonaws.com), index document (index.html), error document (error.html), and redirection rules. There are also options for redirect requests and disable website hosting. A 'Save' button is at the bottom right.

4. Making the Object Public

The screenshot shows the AWS S3 Management Console with the 'Block public access' tab selected. It displays four options: 'Block all public access', 'Block public access to buckets and objects granted through new access control lists (ACLS)', 'Block public access to buckets and objects granted through any access control lists (ACLS)', and 'Block public access to buckets and objects granted through new public bucket or access point policies'. Each option has a detailed description below it. A 'Save' button is at the bottom right.

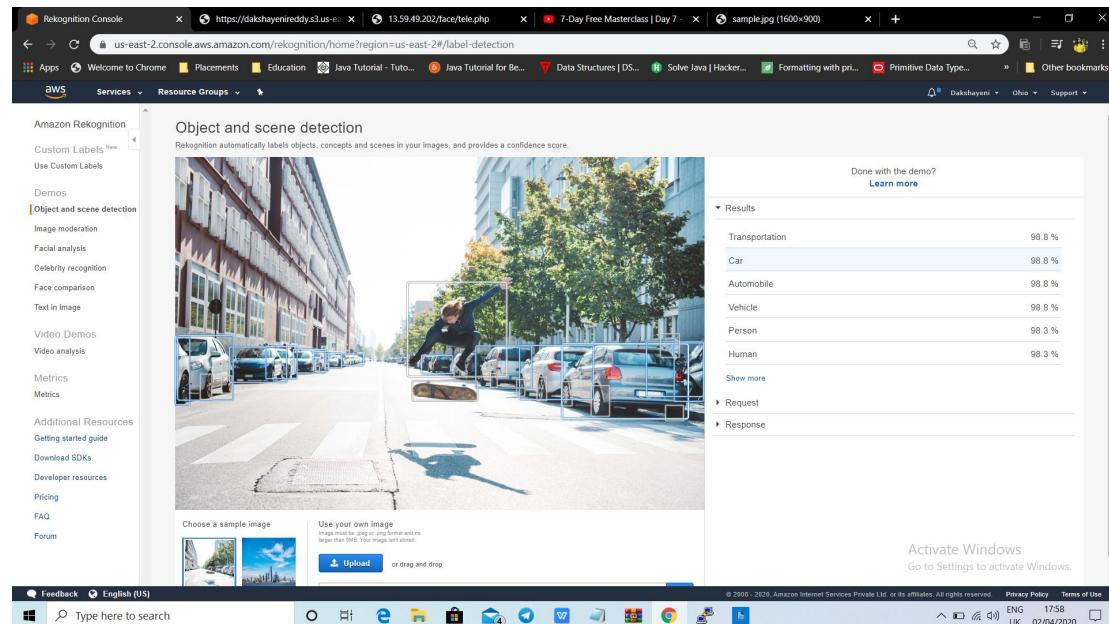


5. Checking the S3 link on the browser

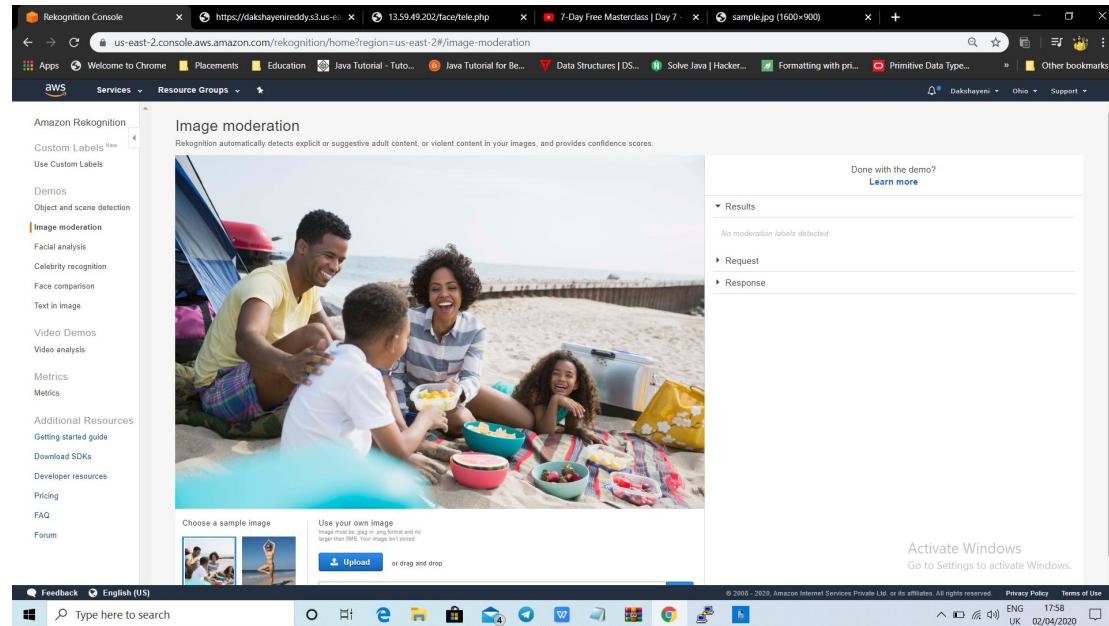


Screenshots needed for Rekognition :

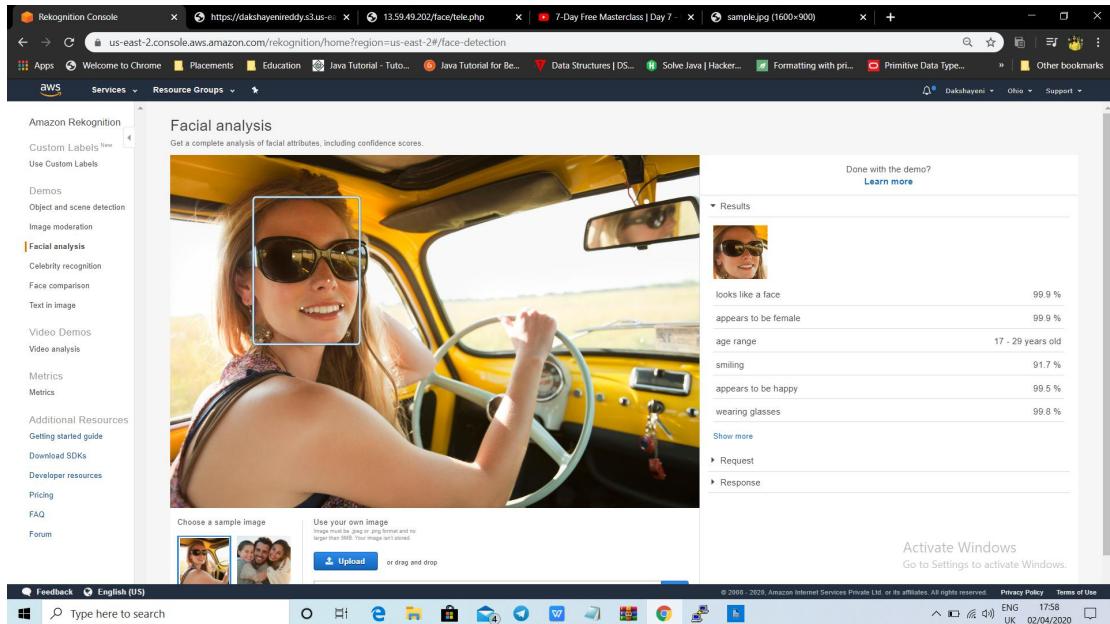
1. OBJECT AND SCENE DETECTION :



1. IMAGE MODERATION :



2. FACIAL ANALYSIS :

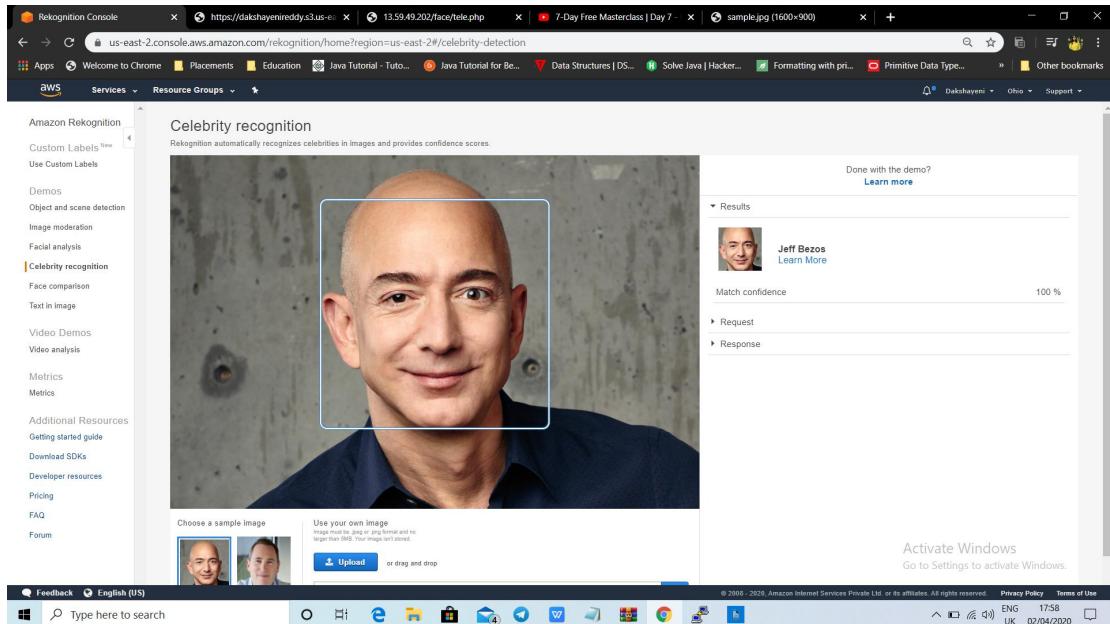


The screenshot shows the Amazon Rekognition Facial analysis interface. On the left, a sidebar lists various services like Custom Labels, Demos, and Metrics. The main area displays a photograph of a woman driving a yellow car, with a bounding box highlighting her face. To the right, a results panel shows the following analysis:

Attribute	Confidence Score
looks like a face	99.9 %
appears to be female	99.9 %
age range	17 - 29 years old
smiling	91.7 %
appears to be happy	99.5 %
wearing glasses	99.8 %

Below the results, there are buttons for 'Show more', 'Request', and 'Response'. At the bottom, there are options to 'Choose a sample image' or 'Use your own image'.

3. CELEBRITY RECOGNITION :



The screenshot shows the Amazon Rekognition Celebrity recognition interface. The sidebar is identical to the previous one. The main area displays a photograph of Jeff Bezos with a bounding box highlighting his face. To the right, a results panel shows the following analysis:

Match confidence
100 %

Below the results, there are buttons for 'Request' and 'Response'. At the bottom, there are options to 'Choose a sample image' or 'Use your own image'.

4.FACE COMPARISON :

The screenshot shows the 'Face comparison' demo page. On the left, a sidebar lists various services like Custom Labels, Demos, and Face comparison. The main area displays two images for comparison: a reference face (a girl smiling) and a comparison face (three girls laughing). The results section shows a similarity score of 99.8% between the first two images. Below the results, there are sections for 'Request' and 'Response'.

5.TEXT IN IMAGE :

The screenshot shows the 'Text in image' demo page. The sidebar includes options like Text in Image, Video Demos, and Metrics. The main area features an image of a red mug with a smiley face, overlaid with text: 'IT'S MONDAY but keep Smiling'. The results section shows detected text: 'IT'S', 'MONDAY', 'but', 'keep', and 'Smiling'. The interface also includes sections for 'Request' and 'Response'.

Screenshots needed for EC2 & S3 :

1. Installing aws-sdk

```
ec2-user@ip-172-31-24-58:~$ cd /var/www/html/face
Verifying : httpd-filesystem-2.4.41-1.amzn2.0.1.noarch          4/4
Installed:
  httpd.x86_64 0:2.4.41-1.amzn2.0.1

Dependency Installed:
  httpd-filesystem.noarch 0:2.4.41-1.amzn2.0.1
  httpd-tools.x86_64 0:2.4.41-1.amzn2.0.1
  mod_http2.x86_64 0:1.15.3-2.amzn2

Complete!
[ec2-user@ip-172-31-24-58 ~]$ curl -sS https://getcomposer.org/installer | php
All settings correct for using Composer
Downloading...
Composer (version 1.10.1) successfully installed to: /home/ec2-user/composer.phar
Use it: php composer.phar
[ec2-user@ip-172-31-24-58 ~]$ cd /var/www/html
[ec2-user@ip-172-31-24-58 html]$ sudo mkdir face
mkdir: cannot create directory 'face': File exists
[ec2-user@ip-172-31-24-58 html]$ cd face
[ec2-user@ip-172-31-24-58 face]$ sudo php -d memory_limit=-1 ~/composer.phar req
Using version 1.10.1 for aws/aws-sdk-phar
  [composer.json] has been updated
  Loading composer repositories with package information
  Updating dependencies (including require-dev)
  Nothing to install or update
  Generating autoload files
    Checking for updates for packages you are using...
      Your package.json has been updated
      Packages you are using is looking for funding.
      Use the "composer fund" command to find out more!
  [ec2-user@ip-172-31-24-58 face]$ sudo wget https://i.pinimg.com/originals/b9/7e/a3/b97ea33b5842c7894b804923c6c05580.jpg
--2020-04-02 11:37:23.468440  2600:1408:20:aa5:1931, 2600:1408:20:aa5:1931, ...
  Resolving i.pinimg.com (i.pinimg.com)... 151.191.249.44, 151.191.249.44
  Connecting to i.pinimg.com (i.pinimg.com)|151.191.249.44|:443... connected.
  HTTP request sent, awaiting response... 200 OK
Length: 215551 (210K) [image/jpeg]
Saving to: 'b97ea33b5842c7894b804923c6c05580.jpg'

100%[=====] 215,551 --.-K/s in 0.04s
2020-04-02 11:37:23 (4.62 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [215551/215551]

[ec2-user@ip-172-31-24-58 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg
[ec2-user@ip-172-31-24-58 face]$ composer.lock index.php sample.jpg vendor
[ec2-user@ip-172-31-24-58 face]$ sudo rm index.php
[ec2-user@ip-172-31-24-58 face]$ sudo vim index.php
```

2. Installing php

```
ec2-user@ip-172-31-24-58:~$ cd /var/www/html/face
Login as: ec2-user
Authenticating with public key "imported-openssh-key"
Last login: Thu Apr  2 09:31:43 2020 from 106.0.36.36
[ec2-user@ip-172-31-24-58 ~]$ curl -sS https://getcomposer.org/installer | php
  [composer.json] has been updated
  Loading composer repositories with package information
  Updating dependencies (including require-dev)
  Nothing to install or update
  Generating autoload files
  Checking for updates for packages you are using...
    Your package.json has been updated
    Packages you are using is looking for funding.
    Use the "composer fund" command to find out more!
[ec2-user@ip-172-31-24-58 ~]$ curl -sS https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-24-58 ~]$ sudo yum remove php*
Loaded plugins: fastestmirror, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package php-cli.x86_64 0:7.2.28-1.amzn2 will be erased
--> Package php-common.x86_64 0:7.2.28-1.amzn2 will be erased
--> Package php-fpm.x86_64 0:7.2.28-1.amzn2 will be erased
--> Package php-intl.x86_64 0:7.2.28-1.amzn2 will be erased
--> Package php-mbstring.x86_64 0:7.2.28-1.amzn2 will be erased
--> Package php-mysqli.x86_64 0:7.2.28-1.amzn2 will be erased
--> Package php-pdo.x86_64 0:7.2.28-1.amzn2 will be erased
--> Package php-xml.x86_64 0:7.2.28-1.amzn2 will be erased
--> Finished Dependency Resolution
amzn2-core/x86_64          2.4 kB  00:00
Dependencies Resolved

=====
Package           Arch   Version            Repository       Size
=====
Removing:
php-cli           x86_64  7.2.28-1.amzn2  @amzn2extra-php7.2  14 M
php-common        x86_64  7.2.28-1.amzn2  @amzn2extra-php7.2  12 M
php-fpm           x86_64  7.2.28-1.amzn2  @amzn2extra-php7.2  12 M
php-intl          x86_64  7.2.28-1.amzn2  @amzn2extra-php7.2  88 k
php-mbstring      x86_64  7.2.28-1.amzn2  @amzn2extra-php7.2  2.0 M
php-mysqli        x86_64  7.2.28-1.amzn2  @amzn2extra-php7.2  629 k
php-pdo            x86_64  7.2.28-1.amzn2  @amzn2extra-php7.2  381 k
php-xml            x86_64  7.2.28-1.amzn2  @amzn2extra-php7.2  621 k

Transaction Summary
=====
Remove 8 Packages
=====
Remove 8 Packages
Installed size: 34 M
Is this ok [y/N]: y
Downloading packages:
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
```

```

ec2-user@ip-172-31-24-58:~/var/www/html/face
Remove 8 Packages
Installed size: 34 M
Is this ok [y/N]: y
Downloading packages:
Running transaction check
Running transaction test
Transaction test succeeded
Running Transaction
  Erasing : php-mbstring-7.2.28-1.amzn2.x86_64 1/8
  Erasing : php-mysqlind-7.2.28-1.amzn2.x86_64 2/8
  Erasing : php-pdo-7.2.28-1.amzn2.x86_64 3/8
  Erasing : php-fpm-7.2.28-1.amzn2.x86_64 4/8
  Erasing : php-fpm-7.2.28-1.amzn2.x86_64 5/8
  Erasing : php-xml-7.2.28-1.amzn2.x86_64 6/8
  Erasing : php-json-7.2.28-1.amzn2.x86_64 7/8
  Erasing : php-common-7.2.28-1.amzn2.x86_64 8/8
Verifying : php-common-7.2.28-1.amzn2.x86_64 1/8
Verifying : php-fpm-7.2.28-1.amzn2.x86_64 2/8
Verifying : php-json-7.2.28-1.amzn2.x86_64 3/8
Verifying : php-xml-7.2.28-1.amzn2.x86_64 4/8
Verifying : php-clnt-7.2.28-1.amzn2.x86_64 5/8
Verifying : php-fpm-7.2.28-1.amzn2.x86_64 6/8
Verifying : php-mysqlind-7.2.28-1.amzn2.x86_64 7/8
Verifying : php-mbstring-7.2.28-1.amzn2.x86_64 8/8
Removed:
  php-clnt.x86_64 0:7.2.28-1.amzn2          php-common.x86_64 0:7.2.28-1.amzn2
  php-fpm.x86_64 0:7.2.28-1.amzn2          php-json.x86_64 0:7.2.28-1.amzn2
  php-mbstring.x86_64 0:7.2.28-1.amzn2      php-mysqlind.x86_64 0:7.2.28-1.amzn2
  php-pdo.x86_64 0:7.2.28-1.amzn2          php-xml.x86_64 0:7.2.28-1.amzn2

Complete!
[ec2-user@ip-172-31-24-58 ~]$ sudo yum remove httpd*
Loaded plugins: extras suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package httpd.x86_64 0:2.4.41-1.amzn2.0.1 will be erased
--> Processing Dependency: httpd-mm = 20120211x8664 for package: mod_http2-1.15.3-2.amzn2.x86_64
--> Package httpd-filesystem.x86_64 0:2.4.41-1.amzn2.0.1 will be erased
--> Package httpd-tools.x86_64 0:2.4.41-1.amzn2.0.1 will be erased
--> Running mod transaction check
--> Package mod_http2.x86_64 0:1.15.3-2.amzn2 will be erased
--> Finished Dependency Resolution

Dependencies Resolved
=====
Package           Arch   Version        Repository      Size
=====
httpd            x86_64  2.4.41-1.amzn2.0.1    @amzn2-core       4.0 M
httpd-filesystem noarch  2.4.41-1.amzn2.0.1    @amzn2-core       366
httpd-tools      x86_64  2.4.41-1.amzn2.0.1    @amzn2-core       169 k
Removing for dependencies:
mod_http2        x86_64  1.15.3-2.amzn2      @amzn2-core       378 k

Transaction Summary
=====
Remove 3 Packages (1 Dependent package)

Installed size: 4.5 M
Is this ok [y/N]: y
Downloading packages:
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Erasing : httpd-2.4.41-1.amzn2.0.1.x86_64 1/4
  Erasing : mod_http2-1.15.3-2.amzn2.x86_64 2/4
  Erasing : httpd-filesystem-2.4.41-1.amzn2.0.1.noarch 3/4
  Erasing : httpd-tools-2.4.41-1.amzn2.0.1.x86_64 4/4
  Verifying : httpd-tools-2.4.41-1.amzn2.0.1.x86_64 1/4
  Verifying : mod_http2-1.15.3-2.amzn2.x86_64 2/4
  Verifying : httpd-2.4.41-1.amzn2.0.1.x86_64 3/4
  Verifying : httpd-filesystem-2.4.41-1.amzn2.0.1.noarch 4/4

Removed:
  httpd.x86_64 0:2.4.41-1.amzn2.0.1
  httpd-filesystem.noarch 0:2.4.41-1.amzn2.0.1
  httpd-tools.x86_64 0:2.4.41-1.amzn2.0.1

Dependency Removed:
  mod_http2.x86_64 0:1.15.3-2.amzn2

Complete!
[ec2-user@ip-172-31-24-58 ~]$ rm -rf /var/cache/yum
Cleaning up everything
Maybe you want: rm -rf /var/cache/yum, to also free up space taken by orphaned data from disabled or removed repos
[ec2-user@ip-172-31-24-58 ~]$ sudo yum upgrade -y
Loaded plugins: extras suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
--> Package httpd.x86_64 0:2.4.41-1.amzn2.0.1 will be updated
--> Processing Dependency: httpd-mm = 20120211x8664 for package: mod_http2-1.15.3-2.amzn2.x86_64
--> Package httpd-filesystem.x86_64 0:2.4.41-1.amzn2.0.1 will be updated
--> Package httpd-tools.x86_64 0:2.4.41-1.amzn2.0.1 will be updated
--> Package mod_http2.x86_64 0:1.15.3-2.amzn2 will be updated
--> Running transaction check
--> Package httpd-common.x86_64 0:7.2.28-1.amzn2 will be updated
--> Finished Dependency Resolution

Dependencies Resolved
=====
Package           Arch   Version        Repository      Size
=====
httpd            x86_64  2.4.41-1.amzn2.0.1    @amzn2-core       2.4 MB
httpd-filesystem noarch  2.4.41-1.amzn2.0.1    @amzn2-core       300 KB
httpd-tools      x86_64  2.4.41-1.amzn2.0.1    @amzn2-core       180 KB
mod_http2        x86_64  1.15.3-2.amzn2      @amzn2-core       378 k

Transaction Summary
=====
Install 5 Packages (1 Dependent package)

Total download size: 7.4 M
Installed size: 31 M
Is this ok [y/d/N]: y
Downloading packages:
(1/6): php-common-7.2.28-1.amzn2.x86_64.rpm | 1.1 MB  00:00
(2/6): php-fpm-7.2.28-1.amzn2.x86_64.rpm     | 4.4 MB  00:00
(3/6): php-fpm-7.2.28-1.amzn2.x86_64.rpm     | 1.1 MB  00:00
(4/6): php-json-7.2.28-1.amzn2.x86_64.rpm    | 71 kB   00:00
(5/6): php-mysqlind-7.2.28-1.amzn2.x86_64.rpm | 238 kB  00:00
Installing for dependencies:
php-common      x86_64  7.2.28-1.amzn2      @amzn2extra-ph7.2 1.1 M

Activate Windows
Go to Settings to activate Windows.

```

3. index.php file code

```
ec2-user@ip-172-31-24-58:~/var/www/html/face
$ php -d memory_limit=1 -c composer.phar require aws/aws-sdk-php
In case if you get memory error -
  sudo /bin/mount -l /dev/mapper/vmfs5_1 bs=1M count=1024
  sudo /sbin/swapon /var/vmfs5_1
  sudo /sbin/swapon /var/vmfs5_1

vudo wget https://i.pinimg.com/originals/b9/fe/a3/b9fea3b5842c7094b04923cc05580.jpg
vudo mv b9fea3b5842c7094b04923cc05580.jpg sample.jpg

if
error_reporting(0);

require_once( __DIR__ . '/vendor/autoload.php');

use Aws\S3\S3Client;
use Aws\Rekognition\RekognitionClient;

$bucket = 'dakshayeni';
$keyname = 'sample.jpg';

$s3 = $s3Client::factory([
    'profile' => 'default',
    'region'  => 'us-east-2',
    'version'  => '2006-03-01',
    'signature' => 'v4'
]);

try {
    // Upload data
    $result = $s3->putObject([
        'Bucket'      => $bucket,
        'Key'         => $keyname,
        'SourceFile'  => __DIR__ . "/" . $keyname,
        'ACL'         => 'public-read'
    ]);

    // Print the URL to the object
    $imageUrl = $result['ObjectURL'];
    if($imageUrl) {
        echo "Image upload done... Here is the URL: " . $imageUrl;
    }
} catch (Exception $e) {
    echo $e->getMessage() . PHP_EOL;
}
```
-- INSERT --

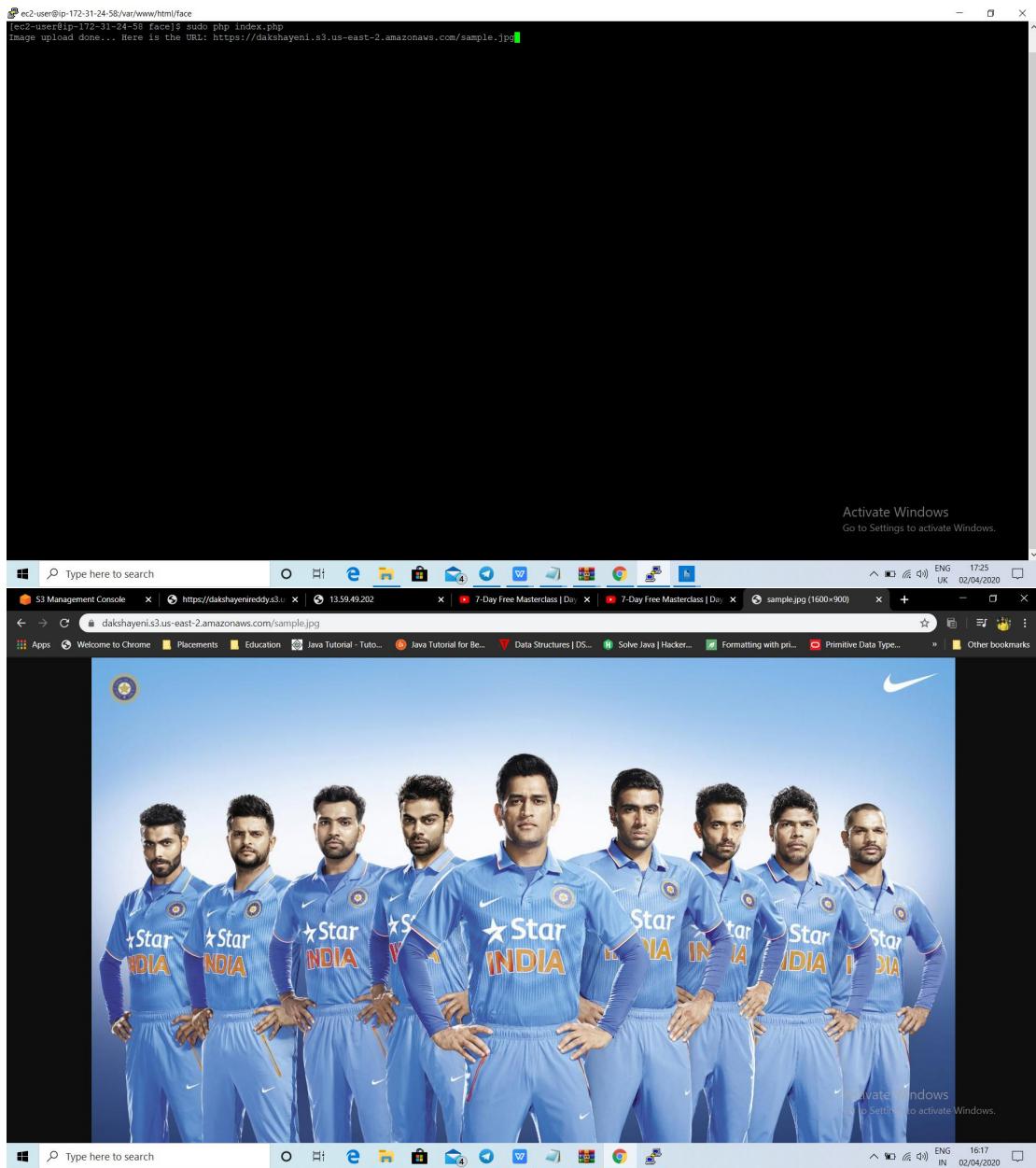
```

### 4. Upload success screenshot :

The screenshot shows the AWS S3 Management Console interface. The URL in the address bar is `s3.console.aws.amazon.com/s3/buckets/dakshayeni/?region=us-east-2`. The page displays two objects in the 'dakshayeni' bucket:

| Name       | Last modified                    | Size     | Storage class |
|------------|----------------------------------|----------|---------------|
| index.html | Mar 31, 2020 3:12:37 PM GMT+0530 | 21.0 B   | Standard      |
| sample.jpg | Apr 2, 2020 3:56:54 PM GMT+0530  | 210.5 KB | Standard      |

At the bottom of the browser window, there is a status bar with the text "Activate Windows Go to Settings to activate Windows." and system information like "55.2", "ENG 1150 IN 02/04/2020".



```

ec2-user@ip-172-31-24-58:~$ curl -F "file=@sample.jpg" https://rekognition.s3.us-east-2.amazonaws.com/
 % Total % Received =========[Truncated...]
 100%[=====] 215,551 --.-K/s in 0.03s
2020-04-02 09:44:25 (7.48 MB/s) - 'b97ea33b5842c7894b804923c6c05580.jpg' saved [215551/215551]

[ec2-user@ip-172-31-24-58 face]$ sudo mv b97ea33b5842c7894b804923c6c05580.jpg sample.jpg
[ec2-user@ip-172-31-24-58 face]$ ls
composer.json composer.lock index.php sample.jpg vendor
[ec2-user@ip-172-31-24-58 face]$ sudo rm index.php
[ec2-user@ip-172-31-24-58 face]$ sudo vim index.php
[ec2-user@ip-172-31-24-58 face]$ sudo php index.php
Error retrieving credentials from the instance profile metadata service. (Client
error: 'GET http://169.254.169.254/latest/meta-data/iam/security-credentials/' resulted in a '404 Not Found' response)
<?xml version="1.0" encoding="iso-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
 "http://www. (truncated...)
)
[ec2-user@ip-172-31-24-58 face]$ sudo php index.php
Error retrieving credentials from the instance profile metadata service. (Client
error: 'GET http://169.254.169.254/latest/meta-data/iam/security-credentials/' resulted in a '404 Not Found' response:
<?xml version="1.0" encoding="iso-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
 "http://www. (truncated...)
)
[ec2-user@ip-172-31-24-58 face]$ ls
composer.json composer.lock index.php sample.jpg vendor
[ec2-user@ip-172-31-24-58 face]$ sudo rm index.php
[ec2-user@ip-172-31-24-58 face]$ sudo vim index.php
[ec2-user@ip-172-31-24-58 face]$ sudo php index.php
Error retrieving credentials from the instance profile metadata service. (Client
error: 'GET http://169.254.169.254/latest/meta-data/iam/security-credentials/' resulted in a '404 Not Found' response)
<?xml version="1.0" encoding="iso-8859-1"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
 "http://www. (truncated...)
)
[ec2-user@ip-172-31-24-58 face]$ ^C
[ec2-user@ip-172-31-24-58 face]$ sudo php index.php
[ec2-user@ip-172-31-24-58 face]$ sudo php index.php
Image upload done... Here is the URL: https://dakshayeni.s3.us-east-2.amazonaws.com/sample.jpgTotally there are 9 faces[ec2-user@ip-172-31-24-58 face]$

```

Activate Windows  
Go to Settings to activate Windows.

Type here to search

File Explorer Mail Photos Video Task View Start Taskbar

ENG IN 15:56 02/04/2020

## Screenshots needed for EC2 & Rekognition :

### 1. Face Detect success screenshot

