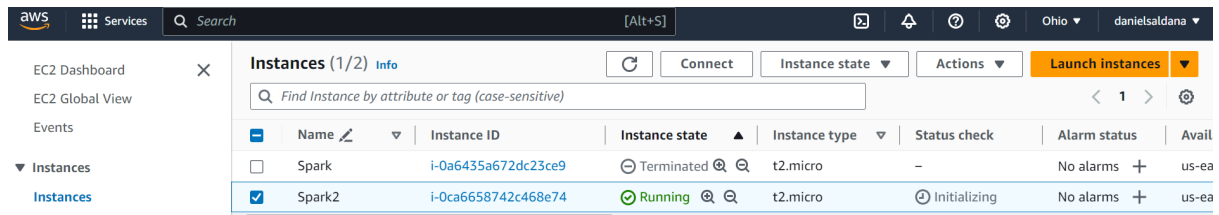


1.- Impresión de pantalla del listado de instancias de EC2 de AWS en donde se muestre la instancia creada.



	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Avail
<input type="checkbox"/>	Spark	i-0a6435a672dc23ce9	Terminated	t2.micro	-	No alarms	us-ea
<input checked="" type="checkbox"/>	Spark2	i-0ca6658742c468e74	Running	t2.micro	Initializing	No alarms	us-ea

2.- Impresión de pantalla conectado al servidor ya sea por Terminal o Putty, ya una vez dentro, ejecutar el comando `ls -l` para la toma de la impresión de pantalla.

```
ubuntu@ip-172-31-14-141: ~  
Using username "ubuntu".  
Authenticating with public key "llave"  
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-1012-aws x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:        https://ubuntu.com/advantage  
  
System information as of Tue Oct 31 01:47:28 UTC 2023  
  
System load:  0.080078125      Processes:            96  
Usage of /:   20.5% of 7.57GB   Users logged in:     0  
Memory usage: 20%             IPv4 address for eth0: 172.31.14.141  
Swap usage:   0%  
  
Expanded Security Maintenance for Applications is not enabled.  
  
0 updates can be applied immediately.  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
The list of available updates is more than a week old.  
To check for new updates run: sudo apt update  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
ubuntu@ip-172-31-14-141:~$
```

3.- Impresión de pantalla de la pestaña Detalles para que se vea la ip pública, la ip privada y el DNS público de la instancia (es necesario que la instancia esté Running).

Instance: i-0ca6658742c468e74 (Spark2)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Instance summary Info

Instance ID

i-0ca6658742c468e74 (Spark2)

IPv6 address

–

Hostname type

IP name: ip-172-31-14-141.us-east-2.compute.internal

Answer private resource DNS name

IPv4 (A)

Auto-assigned IP address

3.146.144.146 [Public IP]

IAM Role

–

IMDSv2

Optional

Public IPv4 address

3.146.144.146 [open address](#)

Instance state

Running

Private IP DNS name (IPv4 only)

ip-172-31-14-141.us-east-2.compute.internal

Instance type

t2.micro

VPC ID

vpc-098b7f58bcfbdb476

Subnet ID

subnet-009dd817fe1e08bb1

Private IPv4 addresses

172.31.14.141

Public IPv4 DNS

ec2-3-146-144-146.us-east-2.compute.amazonaws.com [open address](#)

Elastic IP addresses

–

AWS Compute Optimizer finding

[Opt-in to AWS Compute Optimizer for recommendations.](#)
[Learn more](#)

Auto Scaling Group name

–

4.- Impresión de pantalla de la terminal o putty una vez que se ejecuta el comando jupyter notebook.

```
(base) ubuntu@ip-172-31-14-141:~$ jupyter notebook
[I 04:00:13.921 NotebookApp] JupyterLab extension loaded from /home/ubuntu/anaconda3/lib/python3.7/site-packages/jupyterlab
[I 04:00:13.922 NotebookApp] JupyterLab application directory is /home/ubuntu/anaconda3/share/jupyter/lab
[I 04:00:13.923 NotebookApp] Serving notebooks from local directory: /home/ubuntu
[I 04:00:13.924 NotebookApp] The Jupyter Notebook is running at:
[I 04:00:13.924 NotebookApp] https://localhost:8888/?token=e58d825aae7d2d2b4fd7e756bea0582597f588e52cac7e50
[I 04:00:13.924 NotebookApp] Use Control-C to stop this server and shut down all kernels (twice to skip confirmation).
[W 04:00:13.927 NotebookApp] No web browser found: could not locate runnable browser.
[C 04:00:13.928 NotebookApp]

To access the notebook, open this file in a browser:
    file:///run/user/1000/jupyter/nbserver-1096-open.html
Or copy and paste one of these URLs:
    https://localhost:8888/?token=e58d825aae7d2d2b4fd7e756bea0582597f588e52cac7e50
```

5.- Impresión de pantalla de jupyter notebook visualizando el listado de los notebooks que se proporcionaron como ejemplos.

6.- Impresión de pantalla de la conexión abierta al servidor utilizando Cyberduck o Filezilla (ver listado de archivos).

7.- Crear un notebook con su nombre y colocar el llamado a Pyspark para visualizar la versión instalada.