Run Rstudio in your browser

1. Connect to your **AWS console**
2. Services → **EC2**
3. Click on **Launch Instance**
4. Select **Amazon Linux 2 AMI (HVM), SSD Volume Type**
5. Select **t2.micro** (or another one depending on your needs)
6. Click on **Next: Configure Instance Details**
7. In **network** : you can leave **default VPC** or select one you created before
8. In **auto-assign Public IP** : click **enable**
9. Click on **Next: Add Storage**
10. Leave the default settings (you can change the size or add new volume if you need it)
11. Click on **Next: Add Tags**
12. Leave the default settings (or add a tag if you need it)
13. Click on **Next: Configure Security Groups**
14. Create a new security group: for the name & description, enter: **Security_group_R**
15. SSH row, in the source column change custom to **Anywhere**
16. Then, click on **Add Rule:** Type: **Custom TCP Rule** / Port Range: **8787** / Source: **Anywhere**
17. If you want, you can add a description for both rules
18. Click on **Review and Launch** & then on **Launch**
19. Choose an **existing key pair** or **create a new one**
20. **Tick the box** & click on **Launch Instances**
21. At the bottom of the page click on **View Instances**
22. Wait the instance state indicates **running** & status checks: **2/2 checks passed**
23. Then, connect to your instance using **Putty**:
    a. Session → Host Name field → ec2-user@<instance_public_ip>
    b. Connection → SSH → Auth → Browse your ppk key associated with the instance
    c. Click on Open → Putty security alert: click on Yes
24. When Putty is connected to your instance, copy/paste:
    a. sudo amazon-linux-extras install R3.4
    b. wget https://download2.rstudio.org/rstudio-server-rhel-1.1.463-x86_64.rpm
    c. sudo yum install -y --nogpgcheck rstudio-server-rhel-1.1.463-x86_64.rpm
    d. sudo rstudio-server verify-installation
    e. sudo adduser <username>
    f. sudo passwd <username>
25. **Browse** → http://<server-ip>:8787 → **Enter the credentials** you just created