**Step 1: Update Rocky Linux**

**sudo dnf update -y**  
Updates all installed packages to their latest versions.

**Step 2: Enable the PostgreSQL Module:**

**dnf module list postgresql**Lists available PostgreSQL versions in **Roky Linux module streams**.

Learning:  
dnf module list works with modules (groups of packages and streams).  
yum provides works with individual packages.  
  
dnf module list postgresql:  
Name Stream Profiles Summary  
postgresql 15 client, server [d] PostgreSQL server and client module  
postgresql 16 client, server [d] PostgreSQL server and client module

[root@rocky-vm ~]# yum provides postgresql  
postgresql-10.23-4.module+el8.9.0+1734+74bd286c.x86\_64 : PostgreSQL client programs  
Repo : appstream  
Matched from:  
Provide : postgresql = 10.23-4.module+el8.9.0+1734+74bd286c

**sudo dnf module enable postgresql:15 -y**Enables PostgreSQL version **15** (you can select another version if needed).

**Step 4: Initialize the Database:**

**sudo dnf install postgresql-server postgresql-contrib -y**Installs **PostgreSQL server** and required dependencies.

**Step 4: Initialize the Database**

**sudo postgresql-setup --initdb**Creates the necessary files under /var/lib/pgsql/data/.

**Step 5: Start and Enable PostgreSQL Commands**

**sudo systemctl start postgresql**Starts the PostgreSQL server process so it can accept connections.

**sudo systemctl enable postgresql**Ensures PostgreSQL automatically starts on boot.

**Step 7: Set a Password for the PostgreSQL User**

Step 8: Allow Remote Connections

Leanring:

Shows the repo where the package is listed/available from.

dnf info postgresql