

To make Medium work, we log user data. By using Medium, you agree to our [Privacy Policy](#), including cookie policy.

How to Install PostgreSQL 14 + pgAdmin4 on Ubuntu 20.04 in December 2025 (After EOL)

 Arvind Yadav

Follow

 2 min read · Dec 8, 2025



You just ran the usual commands to install PostgreSQL 14 on Ubuntu 20.04 and got slapped with this nightmare:

```
Err: https://apt.postgresql.org/pub/repos/apt focal-pgdg Release
404 Not Found
E: The repository 'https://apt.postgresql.org/pub/repos/apt focal-pgdg Release'
```

Welcome to December 2025. Ubuntu 20.04 is long EOL, and the official PostgreSQL APT repository has deleted all Focal packages. Your standard tutorials are now dead.

Ubuntu 20.04 (Focal Fossa) reached end-of-life (EOL) on **April 30, 2025** for standard support, and the official PostgreSQL APT repository (apt.postgresql.org) no longer hosts packages for it as of **July 1, 2025**. Packages for EOL releases like Focal have been **archived to [apt-archive.postgresql.org](https://archive.postgresql.org)**.

Get Arvind Yadav’s stories in your inbox

Medium

 Search

 Write

Sign up

Sign in



Enter your email

Subscribe

Here’s the **only method that still works today** — a complete clean reinstall of PostgreSQL 14 + pgAdmin4.

Problem Summary

- Ubuntu 20.04 (Focal) reached EOL → packages removed from apt.postgresql.org
- Normal repo URL returns 404

- You want a clean PostgreSQL 14 (not newer, not older) + pgAdmin4

To make Medium work, we log user data. By using Medium, you agree to our Privacy Policy,

- including cookie policy.

The Working Solution (December 2025)

Copy and run these commands exactly in order.

```
# 1. FULL CLEANUP – Remove every trace of old PostgreSQL/pgAdmin
# Stop any running PostgreSQL service
sudo systemctl stop postgresql

# Remove all PostgreSQL packages (all versions)
sudo apt update
sudo apt purge postgresql* pgadmin* -y
sudo apt autoremove -y
sudo apt autoclean

# Remove configuration files and data (be careful - this deletes all databases!)
sudo rm -rf /etc/postgresql/
sudo rm -rf /var/lib/postgresql/
sudo rm -rf /var/log/postgresql/
sudo rm -rf /usr/lib/postgresql/

# Remove any leftover apt repository entries (optional but clean)
sudo rm -f /etc/apt/sources.list.d/pgdg.list
sudo rm -f /etc/apt/sources.list.d/postgresql.list

# 2. Add the OFFICIAL PostgreSQL archive repo (the only one still hosting Focal
sudo sh -c 'echo "deb http://apt-archive.postgresql.org/pub/repos/apt focal-pgdg

# 3. Install prerequisites & official signing key
sudo apt update
sudo apt install -y wget ca-certificates
wget --quiet -O - https://www.postgresql.org/media/keys/ACCC4CF8.asc | sudo apt-

# 4. Final update and install PostgreSQL 14
sudo apt update
sudo apt install -y postgresql-14 postgresql-client-14

# 5. Install pgAdmin4 (desktop + web)
sudo apt install -y pgadmin4 pgadmin4-desktop pgadmin4-web

# 6. Start PostgreSQL 14
sudo systemctl start postgresql@14-main
sudo systemctl enable postgresql@14-main

# 7. Set a secure password for the postgres user
sudo -u postgres psql -c "ALTER USER postgres PASSWORD 'YourStrongPassword123';"
# 8. Launch pgAdmin4
# Desktop version
pgadmin4
# Or web version (first time setup)
# sudo /usr/pgadmin4/bin/setup-web.sh
```

Verify It Works

Bash

```
psql --version          # → psql (PostgreSQL) 14.x
sudo pg_lsclusters      # → Ver 14 running on port 5432
```

You now have a perfectly clean, fully working PostgreSQL 14 + pgAdmin4 on

an To make Medium work, we log user data. By using Medium, you agree to our Privacy Policy, including cookie policy.

Bonus Notes

- The archive repo receives no new updates — fine for dev/learning, not recommended for production
- Seriously consider upgrading to Ubuntu 24.04 LTS when possible

— Happy Learning!

Database

Pgadmin

Postgresql



Written by Arvind Yadav

0 followers · 1 following

Software Engineer || Full Stack

Follow

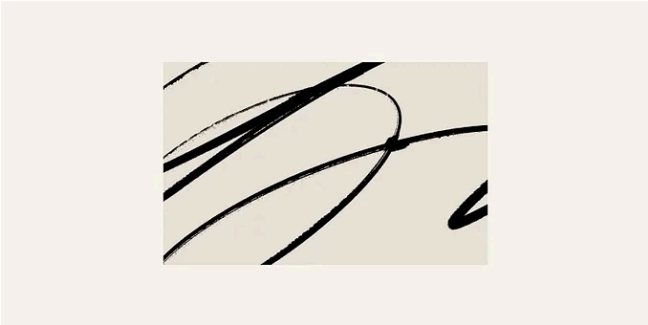
No responses yet



Write a response

What are your thoughts?

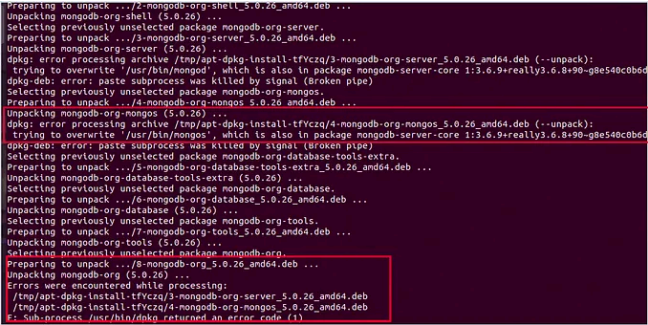
More from Arvind Yadav



Arvind Yadav

Cookie-Based Authentication and JWT Token-Based Authentication

1. Cookie-Based Authentication (Session-Based)



Arvind Yadav

Unable to install MongoDB properly on Ubuntu 20.04 LTS

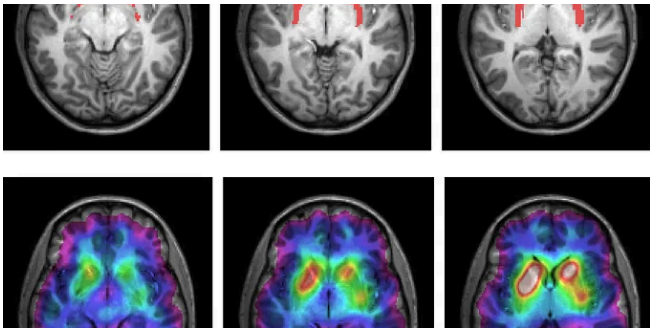
I recently encountered an issue while working with MongoDB for a local project on Ubuntu...

Feb

To make Medium work, we log user data. By using Medium, you agree to our Privacy Policy, including cookie policy.

See all from Arvind Yadav

Recommended from Medium



 In Write A Catalyst by Dr. Patricia Schmidt

As a Neuroscientist, I Quit These 5 Morning Habits That Destroy You...

Most people do #1 within 10 minutes of waking (and it sabotages your entire day)


 Jan 14

 23K

 404








 The Thread Whisperer

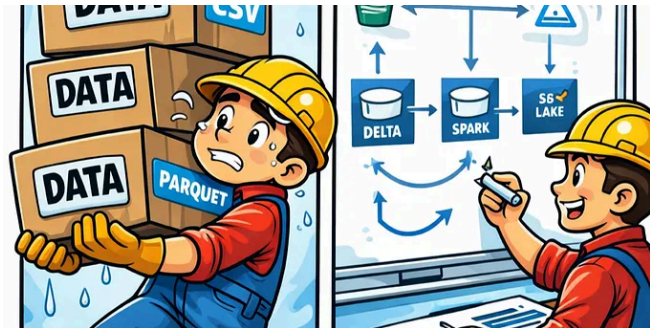
We Replaced 6 Tools With PostgreSQL 17 And Slept Better


Production was green and users still left.

 Jan 3

 146







 In AWS in Plain English by Khushbu Shah


Zero ETL Is the Reality Check Every Data Engineer Needs in 2026

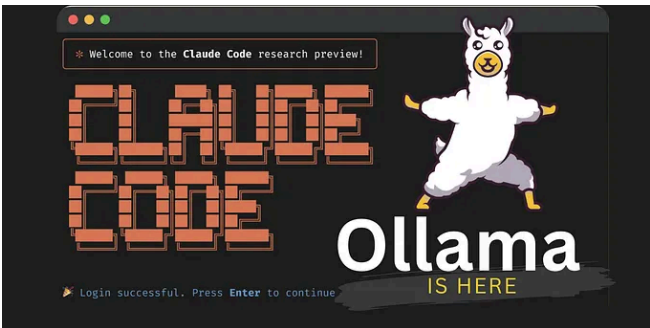
Why the best data engineers are becoming platform designers?


 Jan 19

 160

 3








 Joe Njenga


I Tried New Claude Code Ollama Workflow (It's Wild & Free)

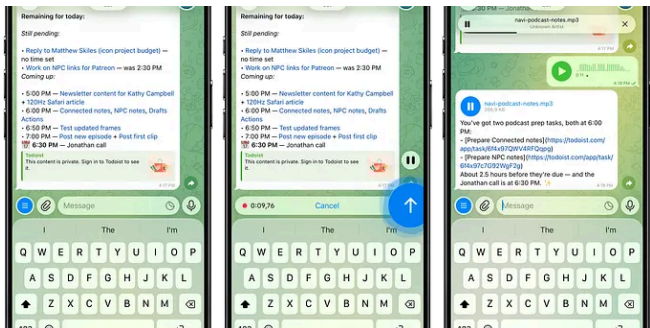
Claude Code now works with Ollama, which takes the game to the next level for...

 Jan 19

 1.4K

 21





 In Neural Notions by Nikhil

 Cloud With Azeem

H
(P

To make Medium work, we log user data. By using Medium, you agree to our Privacy Policy, including cookie policy.

...

Turn your own device into a personal AI assistant that lives inside your favorite apps

Inside LinkedIn’s Bold Move to a New Data Pipeline That Could Change the Future of...

★ Jan 25 🖱 279 💬 7



★ Jan 3 🖱 803 💬 14



See more recommendations