

# **LAPORAN INSTALASI WORDPRESS, NGINX, TABLEAU DIUBUNTU**

**SERVER 22.04**

*Diajukan Untuk Memenuhi Salah Satu Tugas Mata Kuliah Pemrosesan Paralel*



Disusun Oleh :

Nama : Fakhri Naufal Dhaifullah

NIM : 09011282227108

Dosen Pengampu : Adi Hermansyah, M.T.

**UNIVERSITAS SRIWIJAYA**  
**FAKULTAS ILMU KOMPUTER**  
**PRODI SISTEM KOMPUTER**

**2023**

# PROSES INSTALASI TUMPUKAN LAMP

## Instalasi MySQL

**STEP 1 :** Instal MySql dengan perintah berikut

fakhrinaufal@newtzy:~\$ sudo apt install mysql-server

```
fakhrinaufal@newtzy:~$ sudo apt install mysql-server
[sudo] password for fakhrinaufal:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7
  libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl
  libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic
  mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common
  mysql-server-8.0 mysql-server-core-8.0
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libbusiness-isbn-perl libwww-perl mailx tinyca
The following NEW packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7
  libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl
  libhtml-template-perl libhttp-date-perl libhttp-message-perl libio-html-perl
  liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic
  mecab-ipadic-utf8 mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server
  mysql-server-8.0 mysql-server-core-8.0
0 upgraded, 28 newly installed, 0 to remove and 30 not upgraded.
Need to get 29.6 MB of archives.
After this operation, 243 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

**STEP 2 :** Kita menginstall program keamanan setelah server database diinstal

fakhrinaufal@newtzy:~\$ sudo mysql\_secure\_installation

```
fakhrinaufal@newtzy:~$ sudo mysql_secure_installation

Securing the MySQL server deployment.

Connecting to MySQL using a blank password.

VALIDATE PASSWORD COMPONENT can be used to test passwords
and improve security. It checks the strength of password
and allows the users to set only those passwords which are
secure enough. Would you like to setup VALIDATE PASSWORD component?

Press y|Y for Yes, any other key for No:
```

Klik Y sampai hasil akhir mengatakan “All Done”

## Instalasi PHP

WordPress adalah CMS berbasis PHP. Kami membutuhkan PHP untuk memproses konten dinamis di situs WordPress kami.

**STEP 1 :** Instalasi PHP dengan perintah sebagai berikut

fakhrinaufal@newtzy:~\$ sudo apt install php libapache2-mod-php php-mysql

```
fakhrinaufal@newtzy:~$ sudo apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libapache2-mod-php8.1 php-common php8.1 php8.1-cli php8.1-common php8.1-mysql php8.1-opcache
  php8.1-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.1 php php-common php-mysql php8.1 php8.1-cli
  php8.1-common php8.1-mysql php8.1-opcache php8.1-readline
0 upgraded, 11 newly installed, 0 to remove and 30 not upgraded.
Need to get 5,265 kB of archives.
After this operation, 21.8 MB of additional disk space will be used.
Do you want to continue? [Y/n] y_
```

**STEP 2 :** Menginstall ekstensi PHP yang dibutuhkan untuk Wordpress

fakhrinaufal@newtzy:~\$ sudo apt install php-curl php-gd php-mbstring php-xml php-xmlrpc php-soap php-intl php-zip

```
fakhrinaufal@newtzy:~$ sudo apt install php-curl php-gd php-mbstring php-xml php-xmlrpc php-soap php
-intl php-zip
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  fontconfig-config fonts-dejavu-core libdeflate0 libfontconfig1 libgd3 libjpeg8 libjpeg-turbo8
  libjpeg8 libonig5 libtiff5 libwebp7 libxmlrpc-epi0 libxpm4 libzip4 php-curl php-gd php-intl
  php-mbstring php-soap php-xml php-xmlrpc php-zip php8.1-curl php8.1-gd php8.1-intl
  php8.1-mbstring php8.1-soap php8.1-xml php8.1-xmlrpc php8.1-zip
Suggested packages:
  libgd-tools
The following NEW packages will be installed:
  fontconfig-config fonts-dejavu-core libdeflate0 libfontconfig1 libgd3 libjpeg8 libjpeg-turbo8
  libjpeg8 libonig5 libtiff5 libwebp7 libxmlrpc-epi0 libxpm4 libzip4 php-curl php-gd php-intl
  php-mbstring php-soap php-xml php-xmlrpc php-zip php8.1-curl php8.1-gd php8.1-intl
  php8.1-mbstring php8.1-soap php8.1-xml php8.1-xmlrpc php8.1-zip
0 upgraded, 30 newly installed, 0 to remove and 30 not upgraded.
Need to get 3,260 kB of archives.
After this operation, 9,853 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

**STEP 3 :** Selanjutnya mengecek apakah PHP 8.1 berhasil diinstal

fakhrinaufal@newtzy:~\$ php -v

```
fakhrinaufal@newtzy:~$ php -v
PHP 8.1.2-1ubuntu2.14 (cli) (built: Aug 18 2023 11:41:11) (NTS)
Copyright (c) The PHP Group
Zend Engine v4.1.2, Copyright (c) Zend Technologies
    with Zend OPcache v8.1.2-1ubuntu2.14, Copyright (c), by Zend Technologies
fakhrinaufal@newtzy:~$ _
```

Setelah pengistalan ekstensi PHP, apache harus direstart “sudo systemctl restart apache2”

## PROSES INSTALASI WORDPRESS

**STEP 1 :** Pertama, kita akan mengunduh file instalasi WordPress dan menempatkannya di direktori root server web default /var/www/html.

```
fakhrinaufal@newtzy:~$ cd /var/www/html
```

**STEP 2 :** Sekarang unduh instalasi WordPress terbaru dengan perintah berikut.

```
fakhrinaufal@newtzy: /var/www/html$ sudo wget -c http://wordpress.org/latest.tar.gz
```

```
fakhrinaufal@newtzy:~$ cd /var/www/html
fakhrinaufal@newtzy:/var/www/html$ sudo wget -c http://wordpress.org/latest.tar.gz
--2023-10-25 03:54:04-- http://wordpress.org/latest.tar.gz
Resolving wordpress.org (wordpress.org)... 198.143.164.252
Connecting to wordpress.org (wordpress.org)|198.143.164.252|:80... connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://wordpress.org/latest.tar.gz [following]
--2023-10-25 03:54:05-- https://wordpress.org/latest.tar.gz
Connecting to wordpress.org (wordpress.org)|198.143.164.252|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 23465047 (22M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz      100%[=====] 22.38M  1.67MB/s   in 19s
2023-10-25 03:54:24 (1.19 MB/s) - 'latest.tar.gz' saved [23465047/23465047]
```

**STEP 3 :** Ekstrak filenya dan Lakukan pengecekan sehabis mengekstrak

```
fakhrinaufal@newtzy: /var/www/html$ sudo tar -xzf terbaru.tar.gz
```

```
fakhrinaufal@newtzy: /var/www/html$ ls -l
```

```
wordpress/wp-admin/js/password-strength-meter.js
wordpress/wp-admin/js/customize-nav-menus.js
wordpress/wp-admin/js/editor-expand.js
wordpress/wp-admin/js/code-editor.min.js
wordpress/wp-admin/js/set-post-thumbnail.js
wordpress/wp-admin/options-permalink.php
wordpress/wp-admin/widgets.php
wordpress/wp-admin/setup-config.php
wordpress/wp-admin/install.php
wordpress/wp-admin/admin-header.php
wordpress/wp-admin/post-new.php
wordpress/wp-admin/themes.php
wordpress/wp-admin/options-reading.php
wordpress/wp-trackback.php
wordpress/wp-comments-post.php
fakhrinaufal@newtzy:/var/www/html$ ls -l
total 22932
-rw-r--r-- 1 root root 10671 Oct 22 02:00 index.html
-rw-r--r-- 1 root root 23465047 Oct 12 19:13 latest.tar.gz
drwxr-xr-x 5 nobody nogroup 4096 Oct 12 19:12 wordpress
fakhrinaufal@newtzy:/var/www/html$
```

**STEP 4 :** Membuat Database untuk WordPress

- fakhrinaufal@newtzy: /var/www/html\$ sudo mysql -u root -p
- mysql > CREATE DATABASE fakhri\_db;
- mysql > CREATE USER fakhri\_user@localhost IDENTIFIED BY 'password';
- mysql > GRANT ALL PRIVILEGES ON fakhri\_db.\* TO fakhri\_user@localhost;
- mysql > FLUSH PRIVILEGES;

- `mySQL > exit;`

```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> CREATE DATABASE fakhri_db;
Query OK, 1 row affected (0.09 sec)

mysql> CREATE USER fakhri_user@localhost IDENTIFIED BY 'fakhri-password';
ERROR 1819 (HY000): Your password does not satisfy the current policy requirements
mysql> CREATE DATABASE fakhri_user@localhost IDENTIFIED BY 'fakhrinaufal09';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near '@localhost IDENTIFIED BY 'fakhrinaufal09'' at
line 1
mysql> CREATE USER fakhri_fakhri@localhost IDENTIFIED BY 'fakhri-password';
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your
MySQL server version for the right syntax to use near 'IDENTIFIED BY 'fakhri-password'' at line 1
mysql> CREATE USER fakhri_user@localhost IDENTIFIED BY 'demo-password';
ERROR 1819 (HY000): Your password does not satisfy the current policy requirements
mysql> CREATE USER fakhri_user@localhost IDENTIFIED BY '1';
ERROR 1819 (HY000): Your password does not satisfy the current policy requirements
mysql>
mysql>
mysql> CREATE DATABASE demo_db;
Query OK, 1 row affected (0.09 sec)

mysql> CREATE USER demo_user@localhost IDENTIFIED BY 'demo-password';
ERROR 1819 (HY000): Your password does not satisfy the current policy requirements
mysql> CREATE USER fakhri_user@localhost IDENTIFIED BY 'fakhrinaufal';
ERROR 1819 (HY000): Your password does not satisfy the current policy requirements
mysql> CREATE USER fakhri_user@localhost IDENTIFIED BY 'Fakhri.09';
Query OK, 0 rows affected (0.08 sec)

mysql> GRANT ALL PRIVILEGES ON fakhri_db.* TO fakhri_user@localhost;
Query OK, 0 rows affected (0.08 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.07 sec)

mysql> exit;_
```

## STEP 5 : Izinkan izin yang dapat dieksekusi diberikan ke folder WordPress

```
fakhrinaufal@newtzy: /var/www/html$ sudo chmod -R 777 wordpress/
```

```
fakhrinaufal@newtzy:/var/www/html$ sudo chmod -R 777 wordpress/
[sudo] password for fakhrinaufal:
fakhrinaufal@newtzy:/var/www/html$ cd wordpress/
fakhrinaufal@newtzy:/var/www/html/wordpress$
```

## STEP 6 : Siapkan dan Konfigurasi WordPress

```
fakhrinaufal@newtzy: /var/www/html$ cd wordpress/
```

```
fakhrinaufal@newtzy: /var/www/html/wordpress$ mv wp-config-sample.php wp-config.php
```

Perintah ini berfungsi untuk membuat file konfigurasi untuk wordpress, menggunakan perintah

fakhrinaufal@newtzy: /var/www/html/wordpress\$ nano wp-config.php

```
GNU nano 6.2 wp-config.php
<?php
/**
 * The base configuration for WordPress
 *
 * The wp-config.php creation script uses this file during the installation.
 * You don't have to use the web site, you can copy this file to "wp-config.php"
 * and fill in the values.
 *
 * This file contains the following configurations:
 *
 * * Database settings
 * * Secret keys
 * * Database table prefix
 * * ABSPATH
 *
 * @link https://wordpress.org/documentation/article/editing-wp-config-php/
 *
 * @package WordPress
 */

// ** Database settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
define( 'DB_NAME', 'fakhri_db' );

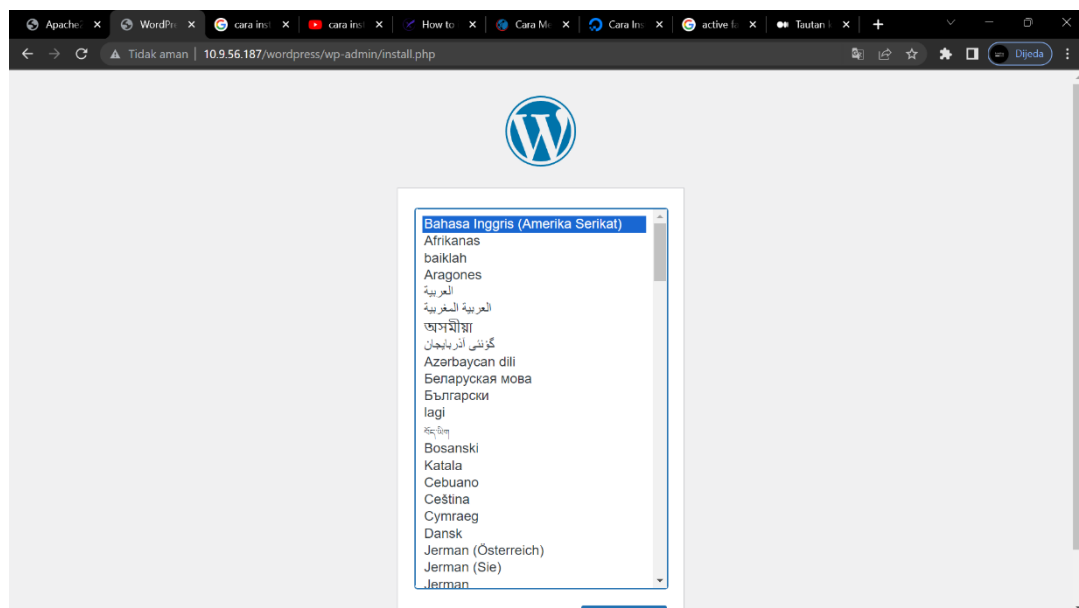
/** Database username */
define( 'DB_USER', 'fakhri_user' );

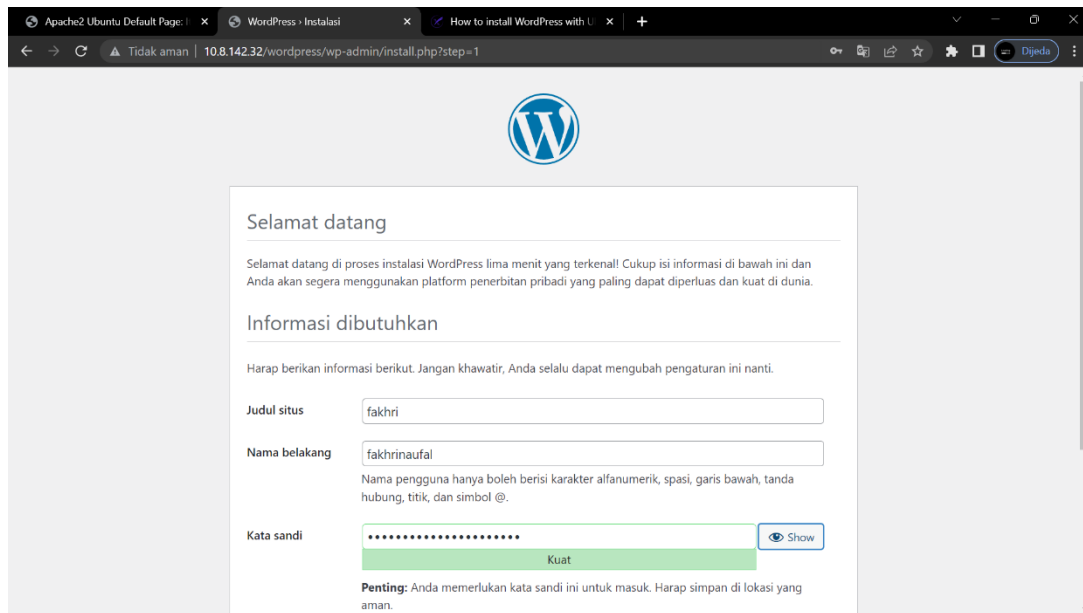
/** Database password */
define( 'DB_PASSWORD', 'Fakhri.09' );

/** Database hostname */
define( 'DB_HOST', 'localhost' );
```

Simpan file dan tutup

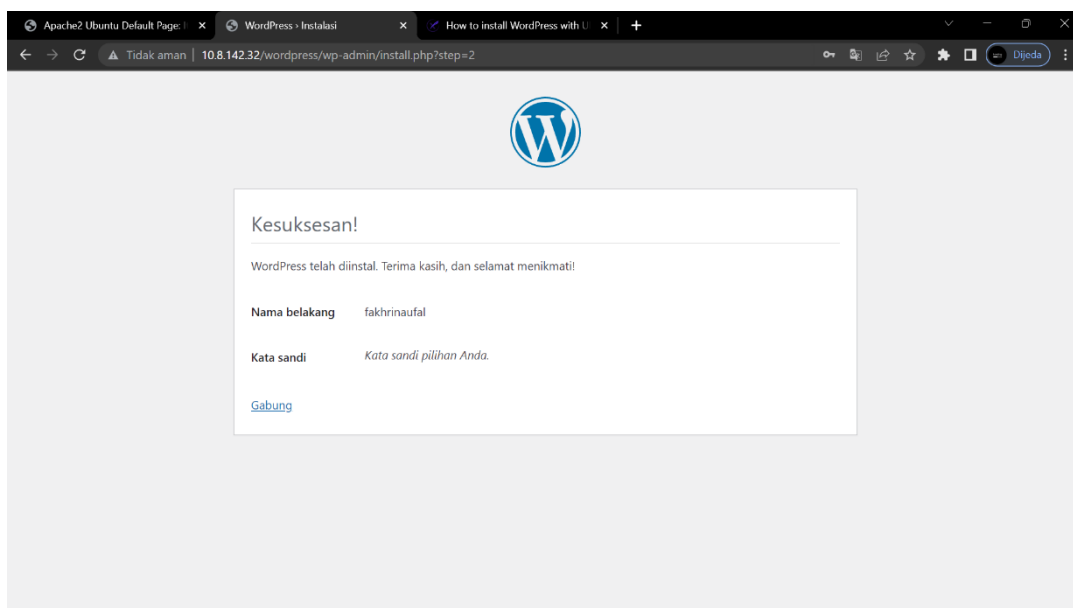
Setelah selesai melakukannya, langsung saja mengakses halaman WordPress untuk menyelesaikan instalasi. Buka browser dan buka <https://localhost/wordpress/> (localhost diganti dengan ip ubuntu anda).

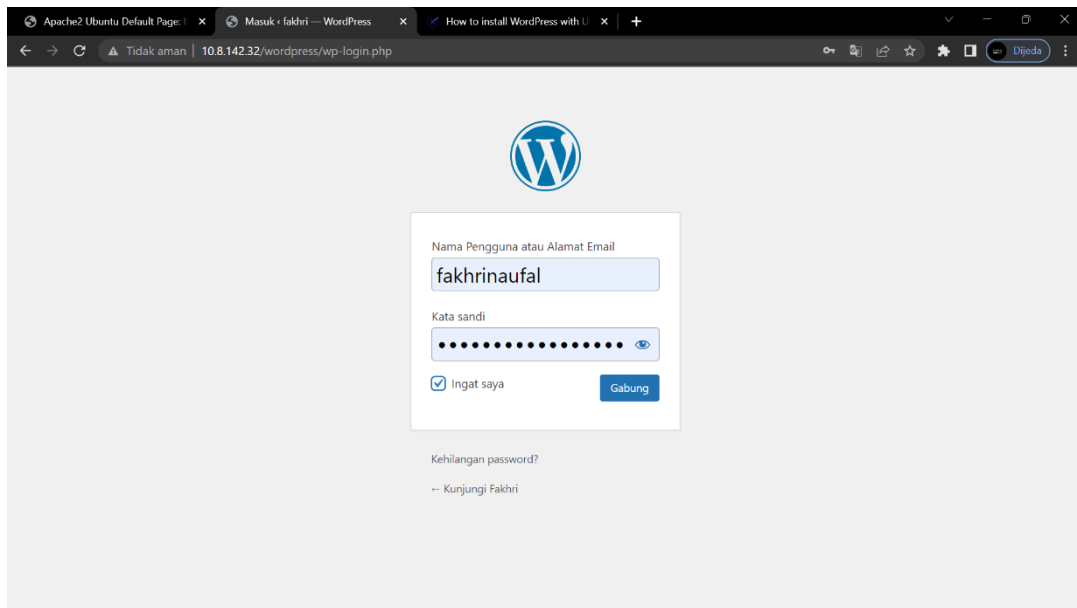




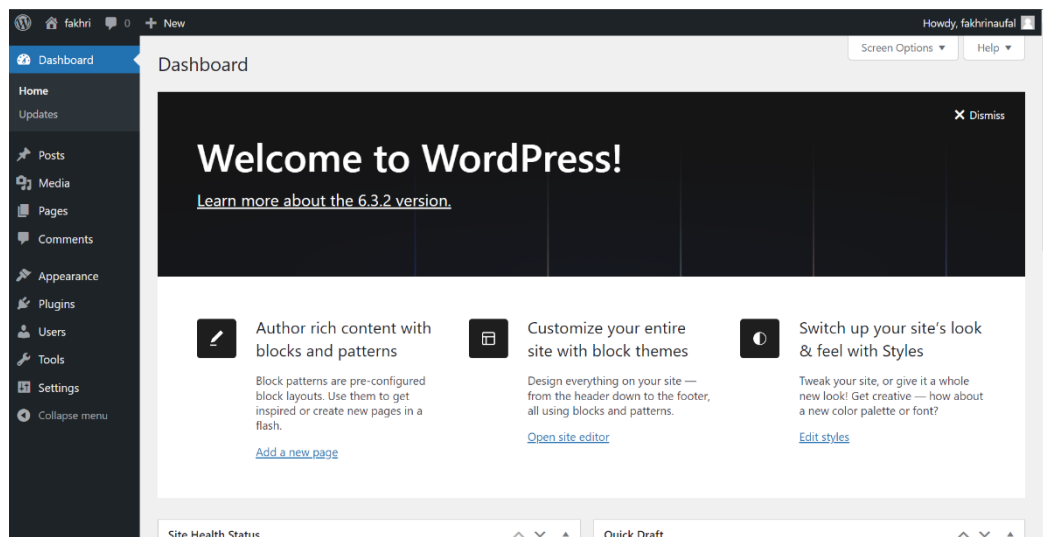
### Keterangan

- **Judul Situs:** Masukkan nama situs WordPress. Kami menyarankan Anda memasukkan nama domain untuk mengoptimalkan situs Anda.
- **Nama Pengguna:** Buat nama pengguna baru untuk masuk ke WordPress.
- **Kata Sandi:** Buat kata sandi untuk melindungi akun WordPress Anda.
- **Email:** Tambahkan alamat email Anda untuk menerima pembaruan dan pemberitahuan.
- **Visibilitas mesin pencari:** Anda dapat membiarkan kotak ini tidak dicentang untuk mencegah mesin pencari mengindeks situs Anda hingga situs Anda siap.



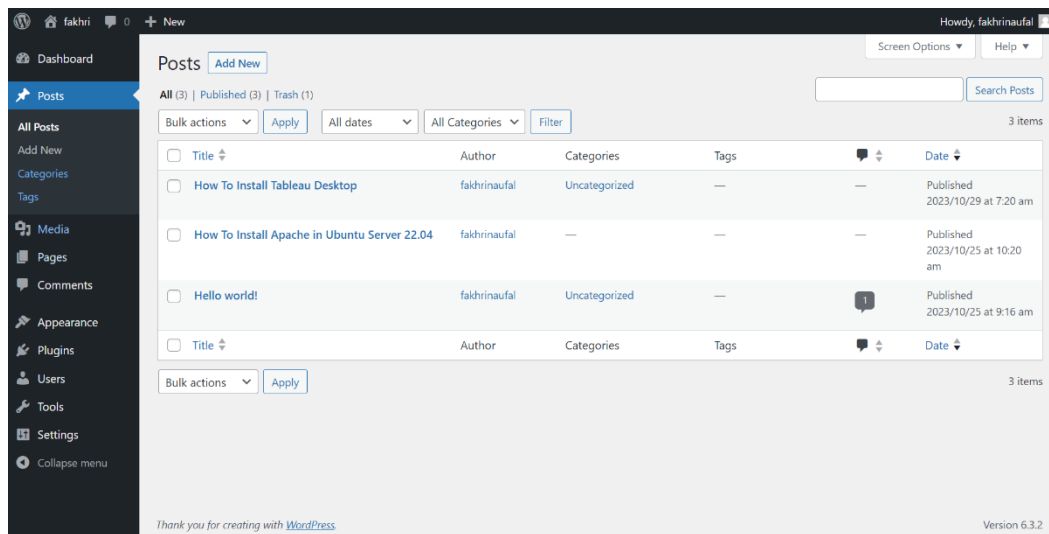


Jika sudah tampil seperti dibawah ini, proses instalasi wordpress sudah berhasil





Selanjutnya saya membuat sebuah postingan diwordpress, dengan cara klik Postd pada menu bar yang ada dibagian kiri lalu pilih add new post



Disini saya sudah membuat dua postingan, judul pertama **‘How To Install Tableau Desktop’** dan judul kedua **‘How To Install Apache in Ubuntu Server 22.04’**



## PROSES INSTALASI NGINX

**STEP 1 :** Update terlebih dahulu sistem ubuntu server dengan perintah

fakhrinaufal@newtzy:~\$ sudo apt update

```
fakhrinaufal@newtzy:~$ sudo apt-get update
[sudo] password for fakhrinaufal:
Hit:1 http://id.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://id.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Hit:3 http://id.archive.ubuntu.com/ubuntu jammy-backports InRelease
Get:4 http://id.archive.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:5 http://id.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [995 kB]
Get:6 http://id.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 c-n-f Metadata [22.0 kB]
Get:7 http://id.archive.ubuntu.com/ubuntu jammy-security/universe amd64 c-n-f Metadata [16.8 kB]
Fetched 1,263 kB in 2s (683 kB/s)
Reading package lists... Done
fakhrinaufal@newtzy:~$ _
```

**STEP 2 :** Install nginx dengan perintah berikut

fakhrinaufal@newtzy:~\$ sudo apt install nginx

```
fakhrinaufal@newtzy:~$ sudo apt install nginx
[sudo] password for fakhrinaufal:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
nginx is already the newest version (1.18.0-6ubuntu14.4).
The following packages were automatically installed and are no longer required:
 alsa-topology-conf alsa-ucm-conf bubblewrap docbook-xml glib-networking glib-networking-common
  glib-networking-services libasound2 libasound2-data libdrm-amdgpu1 libdrm-intel1 libdrm-nouveau2
  libdrm-radeon1 libegl-mesa0 libegl1 libgbm1 libglapi-mesa libglvnd0 libgraphene-1.0-0 libl1vm15
  libpciaccess0 libproxy1v5 libwayland-server0 libx11-xcb1 libxcb-dri2-0 libxcb-dri3-0 libxcb-glx0
  libxcb-present0 libxcb-randr0 libxcb-sync1 libxcb-xf86vm1 libxxf86vm1 sgml-base
  sgml-data xml-core
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 31 not upgraded.
fakhrinaufal@newtzy:~$
```

Karna disini saya sudah install jadi keluar commend seperti diatas

**STEP 3 :** Selanjutnya melihat apakah nginx berhasil terinstall dengan cara melihat versi

fakhrinaufal@newtzy:~\$ nginx -v

```
fakhrinaufal@newtzy:~$ nginx -v
nginx version: nginx/1.18.0 (Ubuntu)
fakhrinaufal@newtzy:~$
```

#### STEP 4 : Selanjutnya pengecekan status dari nginx

fakhrinaufal@newtzy:~\$ sudo systemctl status nginx

```
fakhrinaufal@newtzy:~$ sudo systemctl status nginx
• nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)
   Active: active (running) since Thu 2023-10-26 07:19:34 UTC; 57s ago
     Docs: man:nginx(8)
  Process: 752 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Process: 819 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
 Main PID: 825 (nginx)
    Tasks: 3 (limit: 2163)
   Memory: 11.1M
      CPU: 84ms
  CGroup: /system.slice/nginx.service
          └─825 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             └─826 "nginx: worker process"
                └─827 "nginx: worker process"

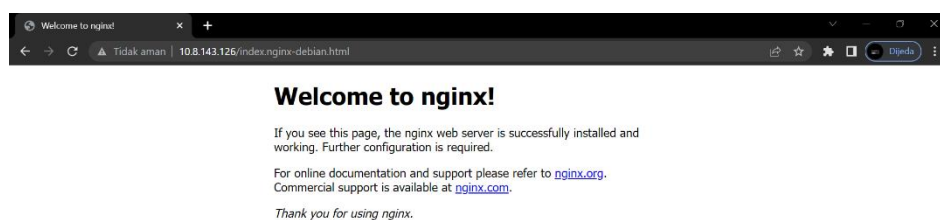
Oct 26 07:19:33 newtzy systemd[1]: Starting A high performance web server and a reverse proxy server: nginx.
Oct 26 07:19:34 newtzy systemd[1]: Started A high performance web server and a reverse proxy server: nginx.
lines 1-17/17 (END)
```

Karna sebelum kita udah menginstal apache2 jadi waktu pengecekan status bakal inactive dikarenakan nginx tidak bisa berjalan jika apache2 aktive, kita harus mematikan apache2 terlebih dahulu dengan cara

1. sudo netstat -tupln
2. sudo kill -2 "id" (id dari apache2 yang aktif)
3. sudo service nginx restart
4. lalu cek kembali statusnya

#### STEP 5 : Pengecekan diweb browser dengan mengetik ip diweb

<https://localhost/index.nginx-debian.html/> (localhost diganti dengan ip)



# PROSES INSTALASI TABLEAU

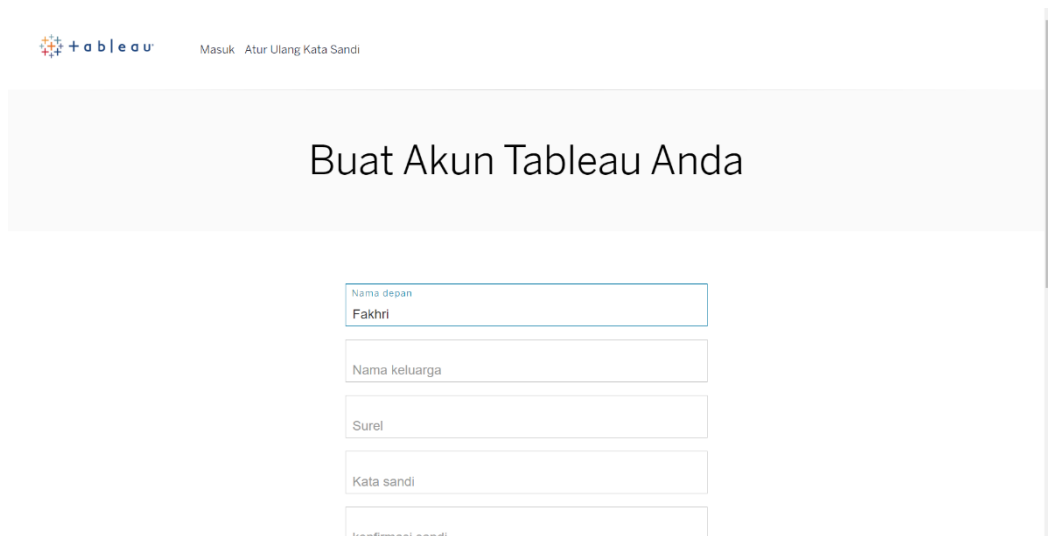
**STEP 1 :** Carilah Tableau dikolom pencari web browser anda



**STEP 2 :** Klik masuk dipojok kanan atas

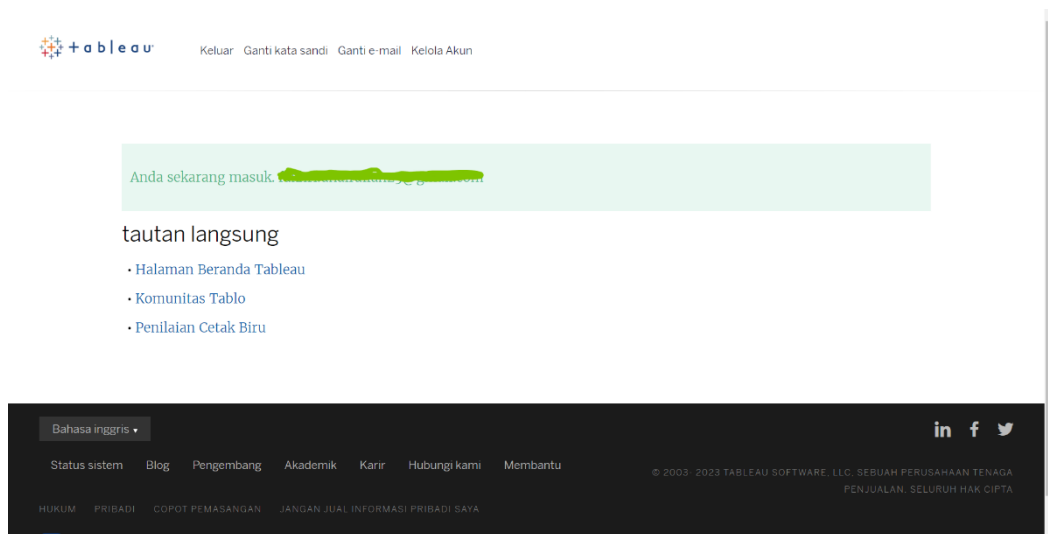


### STEP 3 : Pilih Tablo Publik dan buat akun Tableau Anda



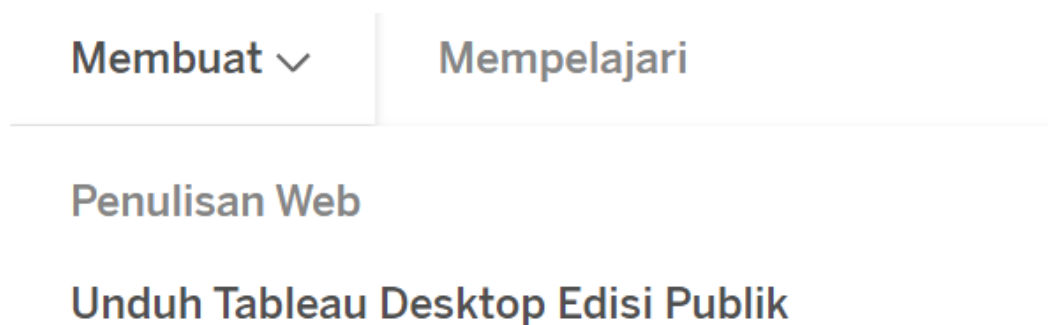
The screenshot shows the Tableau 'Create Your Account' page. At the top, there is a navigation bar with the Tableau logo, a 'Masuk' (Login) button, and a link to 'Atur Ulang Kata Sandi' (Reset Password). The main heading is 'Buat Akun Tableau Anda'. Below this, there is a form with five input fields: 'Nama depan' (First Name) containing 'Fakhri', 'Nama keluarga' (Last Name), 'Surel' (Email), 'Kata sandi' (Password), and 'Konfirmasi sandi' (Confirm Password).

Ikuti prosedur pembuatan akun, dipertengahan ada verifikasi email yang sudah anda daftarkan tadi, bisa dilihat diGmail masing-masing lalu klik link pertama dan langsung diforward ke website tableau. Jika sudah akan muncul tautan seperti ini.



The screenshot shows the Tableau account verification page. At the top, there is a navigation bar with the Tableau logo, a 'Keluar' (Logout) button, and links to 'Ganti kata sandi' (Change Password), 'Ganti e-mail' (Change Email), and 'Kelola Akun' (Manage Account). The main content area has a green box with the text 'Anda sekarang masuk. [redacted]'. Below this, there is a section titled 'tautan langsung' (Direct links) with three links: '• Halaman Beranda Tableau', '• Komunitas Tablo', and '• Penilaian Cetak Biru'. At the bottom, there is a dark footer with a language selector set to 'Bahasa Inggris', social media icons for LinkedIn, Facebook, and Twitter, and a list of links including 'Status sistem', 'Blog', 'Pengembang', 'Akademik', 'Karir', 'Hubungi kami', and 'Membantu'. There is also a copyright notice: '© 2003 - 2023 TABLEAU SOFTWARE, LLC. SEBUAH PERUSAHAAN TENAGA PENJUALAN. SELURUH HAK CIPTA'.

**STEP 4 :** Unduh Tableau Desktop, dengan cara kembali ke halaman beranda tableau lalu klik membuat dipojok kiri atas



The screenshot shows the Tableau Desktop download page. At the top, there are two buttons: 'Membuat' (Create) with a dropdown arrow and 'Mempelajari' (Learn). Below these buttons, there is a section titled 'Penulisan Web' (Web Writing). At the bottom, there is a large heading 'Unduh Tableau Desktop Edisi Publik' (Download Tableau Desktop Public Edition).

Selanjutnya anda akan dipindahkan ke website tableau download, klik Unduh Tableau Publik, kemudian muncul pop up untuk mengisi biodata seperti ini

The image consists of two screenshots. The top screenshot shows a registration form on a dark-themed website. The form has a header with navigation links (Solusi, Sumber daya, Mitra) and a 'MENUTUP' button. The main heading is 'Hampir sampai!' (Almost there!) with a subtext 'Hanya membutuhkan waktu 15 detik untuk mengisinya.' (It only takes 15 seconds to fill out). Below this, there are four input fields: 'Nama depan' (First name), 'Nama keluarga' (Last name), 'Email Bisnis' (Business email), and a dropdown menu for '- Negara/Wilayah -' (Country/Region). A checkbox is present with the text 'Dengan mendaftar, Anda mengonfirmasi bahwa Anda menyetujui pemrosesan data pribadi Anda oleh Salesforce sebagaimana dijelaskan dalam Pernyataan Privasi.' (By registering, you confirm that you agree to the processing of your personal data by Salesforce as explained in the Privacy Statement). The bottom screenshot shows a Windows download progress window. It displays the file name 'TableauPublicDesktop-64bit-2023-3-0.exe', the source URL 'https://downloads.tableau.com', and the download speed '3,3 MB/dtk - 219 MB dari 473 MB, 1 mnt lagi'. A progress bar is shown, and there are 'Jeda' (Pause) and 'Batal' (Cancel) buttons.

Anda akan hampir sampai!  
Hanya membutuhkan waktu 15 detik untuk mengisinya.  
Jika Anda sudah terdaftar, [masuk](#).

Nama depan  
Nama keluarga  
Email Bisnis  
- Negara/Wilayah -

Dengan mendaftar, Anda mengonfirmasi bahwa Anda menyetujui pemrosesan data pribadi Anda oleh Salesforce sebagaimana dijelaskan dalam [Pernyataan Privasi](#).

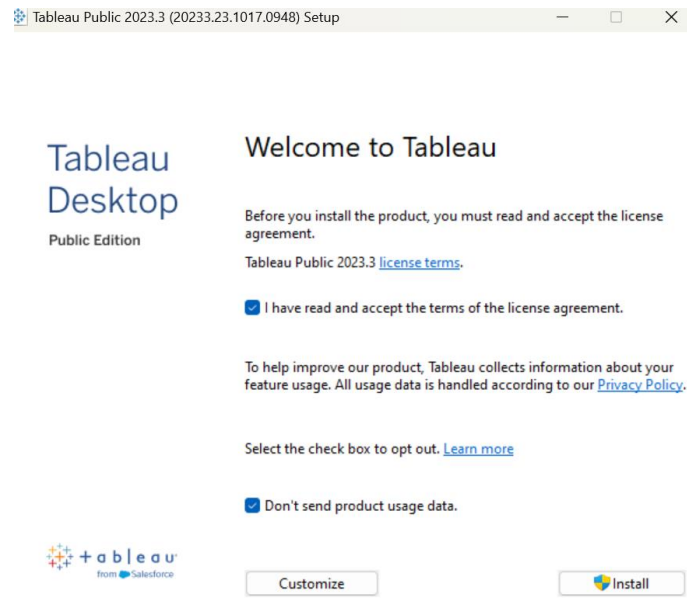
Hari ini

TableauPublicDesktop-64bit-2023-3-0.exe  
<https://downloads.tableau.com>  
3,3 MB/dtk - 219 MB dari 473 MB, 1 mnt lagi

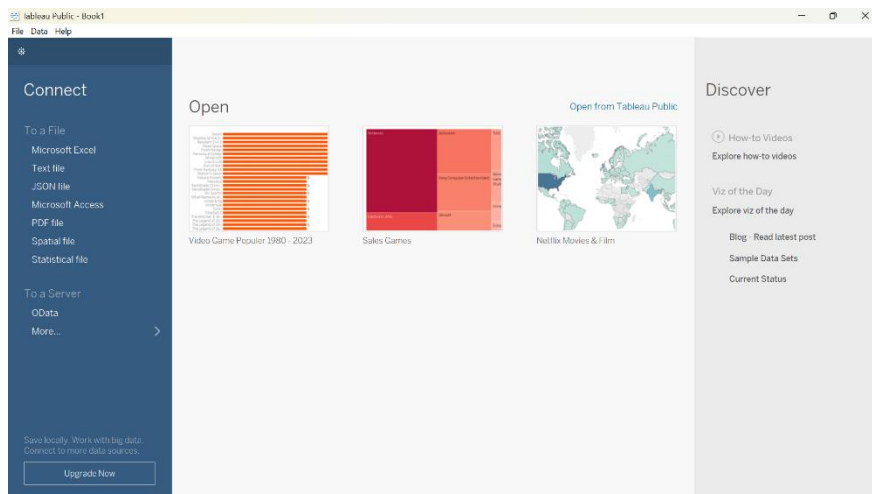
Jeda Batal

Tunggu sampai selesai download, aplikasi sebesar 473 mb.

## STEP 5 : Selanjutnya bukak file yang sudah didownload tadi



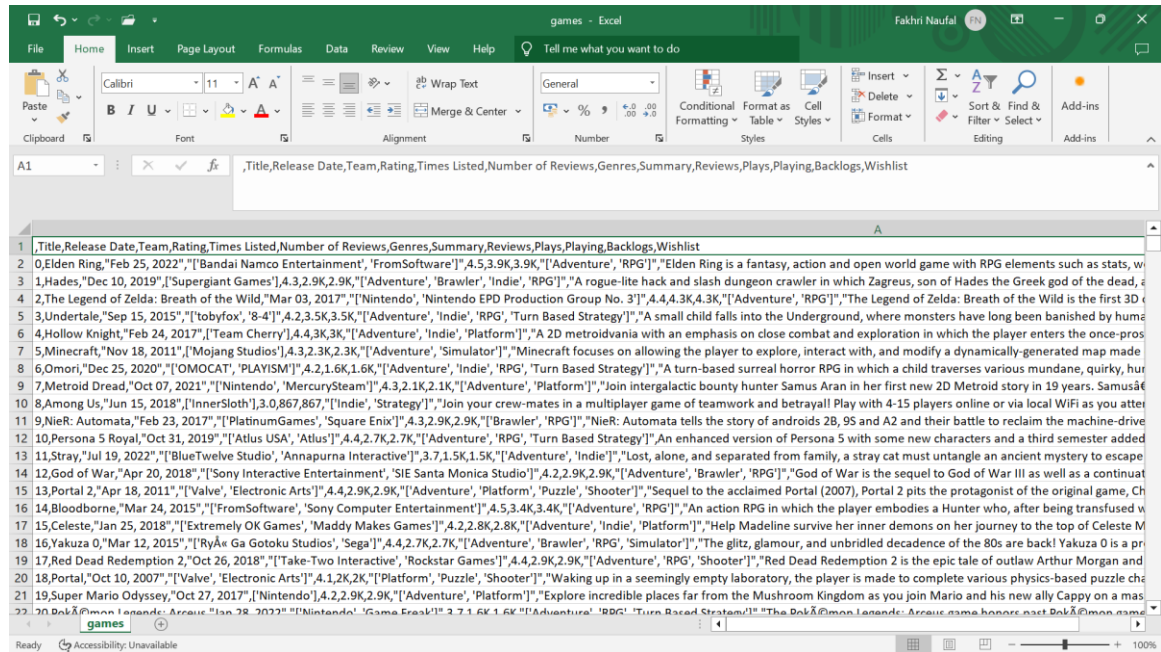
Tunggu proses Install sampai selesai, jika sudah langsung saja bukak aplikasinya



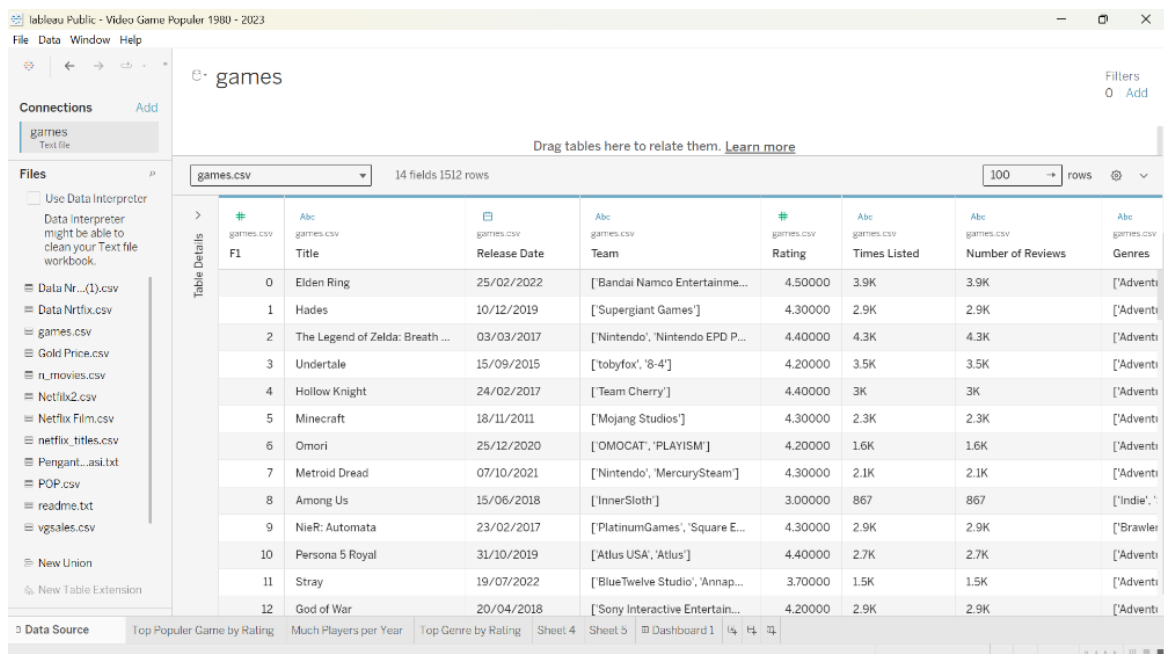
Penginstalan Tableau sukses. Selesai!!

## Laporan Tugas Memvisualisasi Data di Tableau

Data yang saya gunakan disini data yang saya ambil dari Kaggle.com dengan judul Video Game Populer 1980 – 2023 dengan jumlah data 1.512 dengan 14 Variable

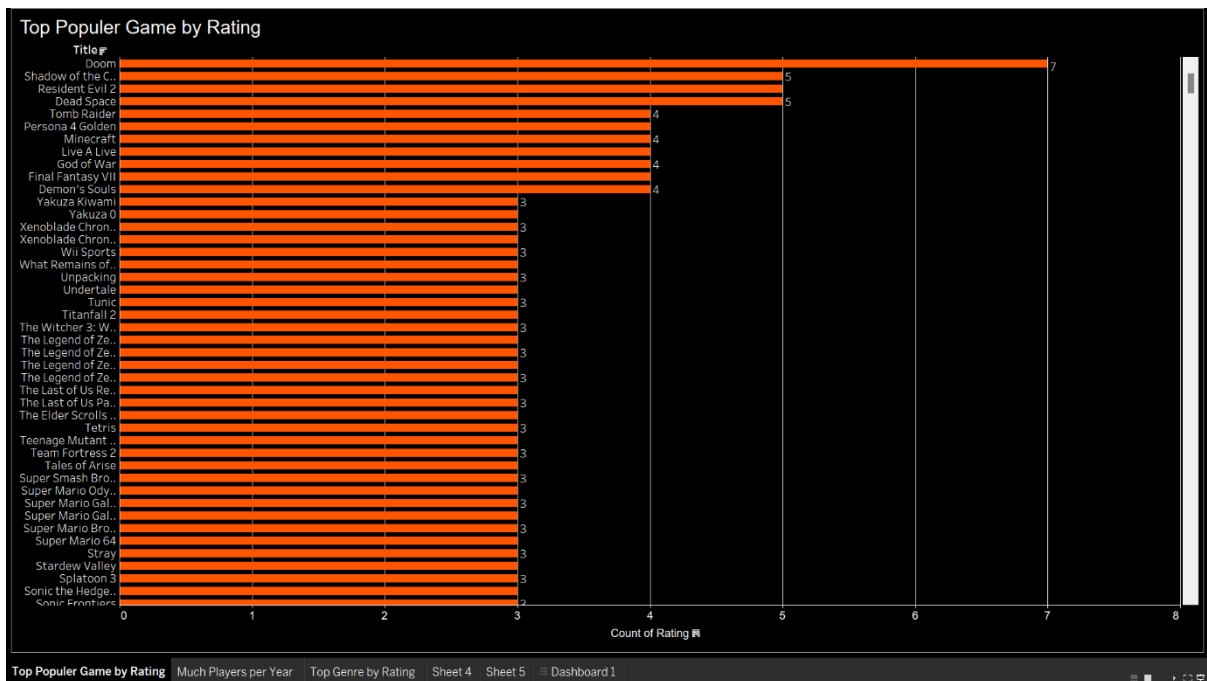


Lansung kita input kan data tersebut ke aplikasi tableau yang sudah kita install tadi



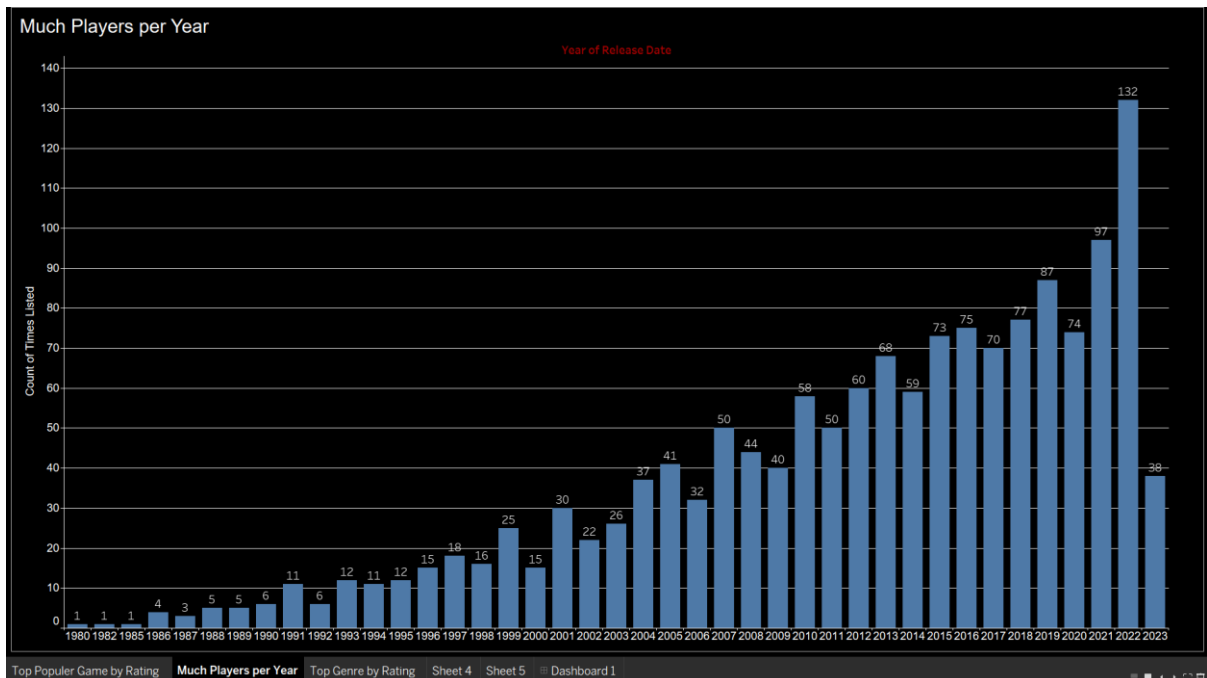


## CASE 1 : Top Populer Game Dengan Rating



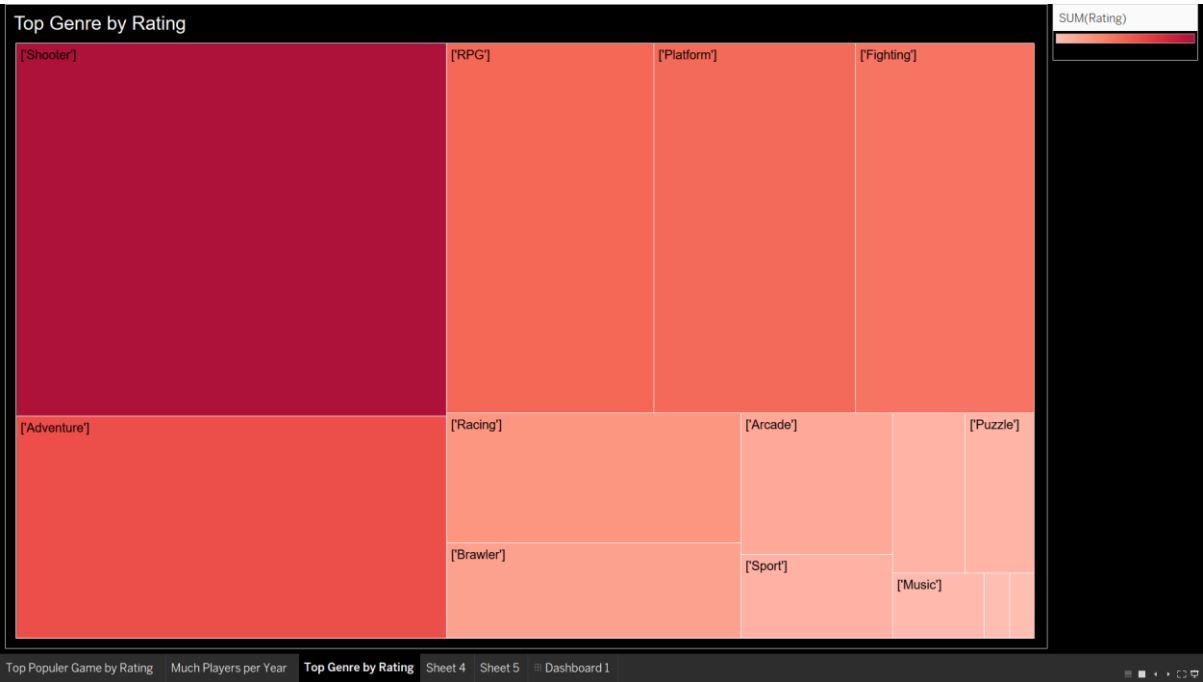
Disini saya membading kan Title (Game) dengan Rating para player yang telah memainkannya jadi hasilnya Game yang dengan rating tertinggi yaitu Doom.

## CASE 2 : Banyak Player Per Tahunnya



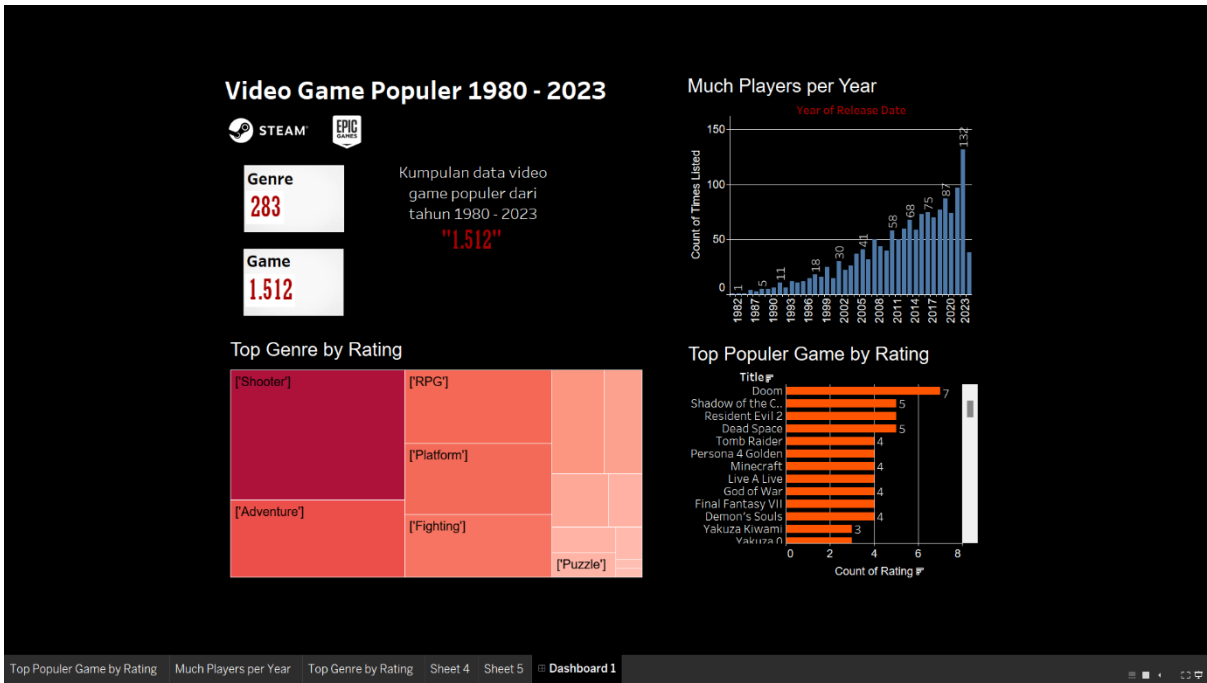
Saya membandingkan antara variable tahun dengan banyaknya player yang bermain pada saat itu, jadi pada tahun 2022 merupakan tahun terbanyak player yang bermain dengan jumlah 132

CASE 3 : Top Genre Game Dengan Rating



Disini saya menggunakan model histogram dimana warna makin pekat merupakan yang paling populer atau tinggi, jadi hasil yang saya peroleh ialah Genre Shooter (FPS) dengan jumlah rating 258,8

Dashboard :



SELESAI