**Installation Guide**

**Table of contents:**

1. Get started
2. Perquisites
3. Deploy Frontend
4. Deploy Backend
5. Use Utility
6. Access your website

**1. Getting started**

To get started, you will need a Ubuntu Linux System or any other OS that has the apt command. Also, you will need 30 or more Giga Bytes of storage for Python (already installed), apache2, and Miniconda (Not Anaconda for storage reduction).

**2. Perquisites**

To make this work, you should have all .tar and .sh files. Here is a list of all of them:  
  
UI.tar

BACKEND.tar

DB.tar

You should create a folder using mkdir called kaviwebdesign like this mkdir kaviwebdesign, and add a file called operator\_menu.sh.

Also, create another folder using mkdir again called automation like this mkdir automation, and add a file called auto\_deploy.sh.

You can find all these files using this link: https://github.com/IshankReddy/AutoDeployResource

You should write the command sudo chmod 777 auto\_deploy.sh. This will give auto\_deploy.sh all permissions. The sudo is there because we are in a root folder that we have just created, and we need permissions to chmod, so that’s why we use sudo.

**3. Deploying Frontend**

Now use the command cd /automation, and after that run the command ./auto\_deploy.sh. This just runs the auto\_deploy.sh file.

After running it, you will get a screen where you have to press 1 and enter to deploy and there you have it. You have just deployed the entire frontend with just a button. Isn’t that easy?

But there is a catch: there will be no AI! That’s because there is no Backend!

**4. Deploying Backend**

Now let’s come into the backend, I assume you are still in the menu, so in there, just press 2 and enter to deploy the backend. It will do its thing and Tada! You have your backend.

Now press 4 to exit and then write this command conda activate Production

But this Backend is not running nor is the Frontend. To do that we have utilities.

**5. Utilities**

Now, just press the three and enter you will have another menu now press these numbers in order:

8, 6, 5, 3

And 9 to come back to the main menu

But how do access the website

**6. Accessing the website**

Run the command ifconfig to find public IP addresses (\*\*\*.\*\*\*.\*\*.\*) and write as a link in Google Chrome, and you will see the beautiful website just created.

There you go, you just create a website in Linux in just six steps.