This is how you set up a new server to run django:

1. Run: “sudo apt-get install apache2 phpmyadmin python-django python-mysqldb php5 php5-mysql mysql-client mysql-server libapache2-mod-php5 libapache2-mod-wsgi”
2. Run: “django-admin startproject analytics”, from the folder “/django”
3. Add all of the below shit into your “/etc/apache2/sites-available/django”

<VirtualHost \*:80>

Alias /robots.txt /django/analytics/analytics/www/robots.txt

Alias /favicon.ico /django/analytics/analytics/www/favicon.ico

Alias /static /django/analytics/analytics/www/static/

Alias /media /django/analytics/analytics/www/media

WSGIDaemonProcess bhp

WSGIScriptAlias / /django/analytics/analytics/wsgi.py process-group=bhp

<Directory /django/analytics/www/static/>

Order deny,allow

Allow from all

</Directory>

<Directory /django/analytics/www/media/>

Order deny,allow

Allow from all

</Directory>

ErrorLog /var/log/apache2/error.log

LogLevel warn

CustomLog /var/log/apache2/access.log combined

<IfModule mod\_deflate.c>

<IfModule mod\_setenvif.c>

<IfModule mod\_headers.c>

SetEnvIfNoCase ^(Accept-EncodXng|X-cept-Encoding|X{15}|~{15}|-{15})$ ^((gzip|deflate)\s\*,?\s\*)+|[X~-]{4,13}$ HAVE\_Accept-Encoding

RequestHeader append Accept-Encoding "gzip,deflate" env=HAVE\_Accept-Encoding

</IfModule>

</IfModule>

<IfModule mod\_filter.c>

SetOutputFilter DEFLATE

AddOutputFilterByType DEFLATE text/html text/css text/plain text/xml application/x-javascript application/x-httpd-php application/json

BrowserMatch ^Mozilla/4 gzip-only-text/html

BrowserMatch ^Mozilla/4\.0[678] no-gzip

BrowserMatch \bMSIE !no-gzip !gzip-only-text/html

BrowserMatch \bMSI[E] !no-gzip !gzip-only-text/html

SetEnvIfNoCase Request\_URI \.(?:gif|jpe?g|png)$ no-gzip

Header append Vary User-Agent env=!dont-vary

</IfModule>

</IfModule>

</VirtualHost>

1. Run: “a2ensite django”
2. Remove the default apache2 setup in “/etc/apache2/sites-enabled/000-default”
3. Reload the apache server: “service reload apache2”
4. Give permissions to www-data to all of the python project: “sudo chown –R www-data ~/projects/analytics”
5. Change the following lines in “/django/analytics/analytics/wsgi.py” to look like this:

import os, sys

if "/django/analytics" not in sys.path:

sys.path.append("/django/analytics")

os.environ.setdefault("DJANGO\_SETTINGS\_MODULE", "analytics.settings")

from django.core.wsgi import get\_wsgi\_application

application = get\_wsgi\_application()

1. You’re done! Navigate to your django page and you’ll see:

**It worked!**

**Congratulations on your first Django-powered page.**