Django · is free & open source web framebook . it is worth in Ply Python · it follows the model-view-templete (MVT)
architecture pallern
. It is maintained by Django Solwere feature of Django 1) fast 2) July loaded 3) Sewi ty.
4) Scalable fig Pip install Diango = 4.1.1 Pip -> Pothon intall Package Hous to create a folder -) django-admin startproject newproject How to create a application =) Python manage by startaph admir

Dython manage, fy rupperver setting. By I all the pather wa there Request Will Py Function Wiew. By Django lever In views. By file from django shortcuts import render John diango. http import Attp Response # breate your views here def display (request):

S = 2 h1> the diango (1 h)

return HttpResponse (5)

In Vols. Py from django Entrib import admin from admir import views urlpatterns = [Path ('admin 1', admin site vols),
Path ('u'), admin veius display) In setling . Py. In installed appearant admins,

model view template

detaben busines frontend

dejic urmy css

Djargo is a framework

Create new folder in New project polder -) templater odd file like index. html, remove http reponse from views In view . Py. from django shortaut import render def fun (requet); infindretum render (regreent &, 'inder html'). In setting by add simport of Template = [. DIRS': [Os-jath. Join (BASE-DIR) In template on index home L! Docty he Ham T) Zbody > Lhi Shello the, is my fample (h).

Incquest Resport. Templater Ke gradan 7 AM: HTml LIDOCTYE > 6 body S Zhisthis is territor his Chi) my name is of name 33 age is of fage 33 C/h/ </body Viegor. My) from soljango shortatu infort render def for (reguet): date= (nome: Zia netwon norder (regnest som htmt.

Boot strafimoide com - templeto - fru mode Download hue baad extract then ofen the folder to only copy the index. html

2 poste it in our my production to training
assister Ka folder copy Karber Croat a new folder Called Static is Beside monage. py & admirs. Voyle assert folder inside static folder thir-setting. By me and

thir-setting. By me and

thir stilling still kink click kears

120. STATIC-URL=Isfatic/

120. Yaha par parte kara

Staticfiles - DARS = [" Base - DIK/ " static")

then in Index. Ltml. Use Jinger formal in I line static % } In 14 line Llink href = " of % static asset / 1mg /favion- priso) I sick. select kard line phir alt hold søreke.
Pera select land cluste like fils start editif line for eg like that. Osl py ' Ye add Karre hair Path ('index), view. index) In View dy index (regnet):

return render (request, index. html)

Block method. (Vext topic. from index. It that copy all the coole & anty the file then create new conside . Atml in template & paste the Code & remove all the thing except header & footer then In Index, html of 1. Rxtends 'common. html 1.5 2% block Content % 3 Chis hello this is my index Lihis & % endblock %. 3 In Common html goline main de = "main" E' block content/, } 2% endsblock % 3

include method In Url add Path (Indy) views. Index 1)

20% indude & footer. html % }

In index1. html { % include header . html / % } Chisthis is my content (1/h) 2 /o include foote hint 6 }

greate project named models we con occess LE In mode la py from django. db. infort modele don Employee (models. Model): cno = models. Phtegerfield () enome = models. Float field (Max-Length=35) esal = models. Float field () eaddr = models. charfield (max-lugth=35) In Admin. Ry from django. contrib umport Badmin from modelapp. models import Employee admin. site. register (Employee) Thesethy - Ply import os modelaph', In (md type -> python manage. by migrate -) Python manage. py makernigrations

(- croate model ein flogee

Python manage. by createsuper user

Enter Oserame Email 4 Password. then python manage-py runserver then salmin unter Oscename & password

import panda dataprame = pandos . read_csv (studa) dataframe dataframe drop/ [Usernon mobiles and mobiles datafrom clataframe. 1sha (). fum () #Isna=isnul attion dateframe - fillna (datafram man ()) dataframe-info () from sklearn preparocessing import label Encol, Le = Label Encoder () dataframe ('Genda') = de : fit transform q (dataframe [Gende] dataframe dotaframe [Branch'] = Le. fit_transform[dataframe dadaframe (1 Result') = Le-fit_transprom (datafrom 2 July Carrie

Goodle Colab from skelenn model skeliton x = dataframe - ifoc [:,0:,-1] x - isna () - sum () = # fun dio to cheach the X = X. fill na (X-mean ()) # fill na Used to fill the null when which is friend to fill the fill no Used to fill the null when to fill the fill no Used to fill the null when to fill the fill no Used to fill the null when to fill the null when the fill no Used to fill the null when to fill no Used to fill the null when to fill no Used to fill the null when to fill no Used to fill the null when to fill no Used to fill the null when to fill no Used to fill the null when to fill no Used to fill the null when to fill no Used to fill the null when the fill no Used to fill the null when the null when the fill no Used to fill the null when the fill no Used to fill no Used t * = dat frame - idoc[:,-1] day #2 from sklearn. model - selection import train-teller X-troin, x-test, y-train, y-test=train_test_split (x, y, test_size=0.2) X-train X-test y - Frank y_ lest

grow sklean ersemble import Random Forest Classifier 8 fc = Random Forest Classifier () ife. fit (x-train, y-train) Thed=fc. predict (X-test) # to test the result y- frid from & skocklearn. netrice import confusion-matrix cm = confusion-matrix (y-test y-pead) import seaborn or en pront pyplotor plt sns. heatmap (cm, annot = Toue, xtick dabele = [pan, fail), y tickdablele = ['pan', 'fail']) Plt. ylabel (Prediction, fontage = 13) PUt. Ydabel (Actual, fontsize = 13) Plt. title (Confusion Matrix, font size = 17) Plt-show ()

(Monday). #3 day Continue from skleam. metoice import accuracy. score acci = accuracy - score (y-test, y-pred) from sklearn. tree import DecisionTree (lassifice # algorithm dtc = DecisionTree Classifier () dtc.fit (x-train, y-train) y-pred = dtc. predict (x-test) from sklearn. metrice import confusion_matrix (m = Confusion-matrix (y-test, y-pred) from Melsoan. metrice import acceivacy - score

acc 2 = accuracy - sessore (y-test,y-pred)

acc 2

random forest Regresson While Ka data de Ranno Ran import sklearn-model-selection train-lest ghlit x- sain, x-test, y- frain, y-test = train_lest_split (x, y, test_size=0.3) x Jean r tost y. Fraih y. text from skleun. evemble imhort Randon Fored Rogeum of z = Random Forest Regressor (). yfr-fit (x-train, y-train) y-pred= rfr. predict (x-test) Juen sklearn. meteriks import sentente mean-absolute-error, mean-8 quared-error mar mar = mean-absolute - error (y-test, y-prod) mse = mean_squared-enron (y-test, y-pred) from sklearn-Linea model import Linea Regussion Lo = Linea Regression () Lo - fit (x-train, y-train)

inhourt Pander as Pd dataset = pd. nead - ISU (Wine) Lataset dataset · isna (). sum () dateset info () 21 = dateset idoc[:,:-1) y = dataset.idoc [:, -1] Starling one y-pred = dr. predict (x-test) mae = mean_absolute_error (y-test, y-pred) Mse=man_squared_error (y-test, y-pred)

nse

(Pip install jupyton notebook) and, test-set = 'MNIJT-JPG-testy'

Q din noi aye afor

https://shorturl-at/ivGLW - notebook (https://shortest.at/cgsy4) - trashed model https://shortust.at/fix/2 trained - model

trained - model

trained - model In Cond (. pip install open (v-python) image = 'MNIST - JPG - testing /1/1038. jpg import CV2 From matplotub import Pyplot as Plt img = CV2-Imread (image, CV2-COLOR_BGR2GRA) LMAGE - SIZE = 256 ing = CV2 - resize (ing), (IMAGE_SIZE, IMAGE_SIZE) Plt. figure() Plt. oxil ('Off') P(t-inshow (ing) import numpy of nh img = np. advay (img)/255. img = img. reshipe ((1, IMAGE-SIZE, [MAGE, SIZE,])

from Keros. preprocessing, image import Imagel)ataGenera Cor data-generator = Image Data Generator (sample wise _ center = True, Samplewin-std_normalization=True, brightness_range = [0.8, 1.0), 200m-range - (1.0,1.2), validation_split=0.1 Img = data - generator . stondordize (img) (result=trained_model.predict(ing) (result [roult-argmax()

https:/ we we ti/t-zu JILd2PpE from jabbon. for search: Bootstrop image with frances In Index. Atral [body] "Center) Chis home page (h,) 2 forms 2 Label > select an image Mabel 5 (b) [Infut name = " number - image" type = "file" > 1.6 Coutton type -60