Experiment No. : 7
DOCK BREEZ AND LEMBNO THE ROW
Aim: To deploy a model pg usind clocker
al source of the contraction
Step 1: Creation of modelopy:
from &k-learn. obstagels impost bood. Prig from &klearn. enjemble i report Random forest clayifien.
Jeon & Klearn . eyem ble i nigot Random forest daystier
enipori Pille
det hair modell).
data > logal = pris ()
M, Y = data desta, obito Target model = Random Forest (lessigness 1)
mode = Kardom forest (lessifiers ()
modelo Eit (X, V)
with open ('moder, PKL': Wb') as 8:
Pickle. clump (model, P) Print ("model frained and beved as model. pk (")
Print (" model kained and beved as model. pk (")
dol Paul-ch ():
with open ("model opk!", 'nb') as F:
test. Data = (5.1, 3.5, 1.9, 0.2)
Perediction 2 Model. predict ([ Hest-bak))
paint (15 Pardiction for Etest-Data 3: Eint 1
9 Pactit (0)9)
Flyin-model (
Dadict ()
power ()
Teacher's Signature :

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Step 2: Create a reguise Scikit-learn	ensels lent With	
Scikit-learn		
Step 3: Create Dockerfile	with:	
Represent 2		
WORK DER lopp  COPY requirents that  COPY model py me  RUW pip install -  CMD ( Py thon " n	1	
COPY secripents det	1201181110.H. H. J.	
copy model py me	odll oph	
RUN pip irytall-	1 equilenello	Cold
CMD (" py thon ", " n	odlepy 1)	,
Ph 1 · Oo · ·		
Step 4: Oper terminal ?  "dock er build to	uVS code fobo	ule a m/-mod
owcker build to	m1-nodey 4	
Run model Contains!		
4 dolle son m1-ma	alol h	
	<i>y</i>	
Add tag:		
Add tag: "docker tag m1-model off	veyx124/m1-node	y 4
push Container:  "docker post strugo		
" docker push shoups	ry/m/-model	7
<i>A</i> 1 1 - 0 - 1 - 1		
Get a pull seguest	11. [ m. ]	<del>,</del>
doce pull strey x/	M/- Model	
0. 11 0. 22.10.12.12.12		
Ron the Purces/containes a clocker son spreyx124	Ind-north	
Mocker son spreysper	/m/ - min	
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1170 con al al			
Man Bur King	heis i mages if they are Public		
We con alies office's images if they are Public and sun then with:  " dolker pull bhank wat /m/-model"  " docker sun bhank or at /m/- model"			
hadad poll b	hav korat m-model "		
We lee Sun by	rankosat/m/- model 4		
Result!			
0			
The above Implan	untation of Docker is Greated		
Successibly.	or of order by thewar		
	•		
Teacher's Signature :			