- 1 "C:\Users\Just Me\anaconda3\python.exe" models\
 train_classifier.py data/DisasterResponse.db models/
 classifier.pkl
- 2 [nltk_data] Downloading package punkt to C:\Users\
 Just
- 3 [nltk_data] Me\AppData\Roaming\nltk_data...
- 4 [nltk_data] Package punkt is already up-to-date!
- 5 [nltk_data] Downloading package wordnet to C:\Users\
 Just
- 6 [nltk_data] Me\AppData\Roaming\nltk_data...
- 7 [nltk_data] Package wordnet is already up-to-date!
- 8 Loading data...
- 9 DATABASE: data/DisasterResponse.db
- 10 Building model...
- 11 Training model...
- 12 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 13 warnings.warn(
- 14 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 15 warnings.warn(
- 16 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 17 warnings.warn(
- 18 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 19 warnings.warn(
- 20 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 21 warnings.warn(
- 22 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\

- 22 feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 23 warnings.warn(
- 24 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 25 warnings.warn(
- 26 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 27 warnings.warn(
- 28 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 29 warnings.warn(
- 30 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 31 warnings.warn(
- 32 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\feature_extraction\text.py:528: UserWarning: The parameter 'token_pattern' will not be used since 'tokenizer' is not None'
- 33 warnings.warn(
- 34 Evaluating model...

35	('relate	d',)		precision	recall	f1-
	score	support				
36						
37		0	0.73	0.27	0.39	1230
38		1	0.81	0.97	0.88	4013
39						
40	accu	racy			0.81	5243
41	macro	avg	0.77	0.62	0.64	5243
42	weighted	avg	0.79	0.81	0.77	5243
43						
44	('reques	t',)		precision	recall	f1-

44	score	support				
45						
46		0	0.89	0.99	0.94	4343
47		1	0.91	0.41	0.57	900
48						
49	accu	racy			0.89	5243
50	macro	avg	0.90	0.70	0.75	5243
51	weighted	avg	0.89	0.89	0.87	5243
52						

- 53 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\
 metrics_classification.py:1344:
 UndefinedMetricWarning: Precision and F-score are ill
 -defined and being set to 0.0 in labels with no
 predicted samples. Use `zero_division` parameter to
 control this behavior.
- 54 _warn_prf(average, modifier, msg_start, len(result
))
- 55 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\
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 control this behavior.
- 56 _warn_prf(average, modifier, msg_start, len(result
))
- 57 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn\
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 -defined and being set to 0.0 in labels with no
 predicted samples. Use `zero_division` parameter to
 control this behavior.
- 58 _warn_prf(average, modifier, msg_start, len(result
))

59	('offer',)		precision	recall	f1-
	score support				
60					
61	0	1.00	1.00	1.00	5218
62	1	0.00	0.00	0.00	25
63					
64	accuracy			1.00	5243
65	macro avg	0.50	0.50	0.50	5243
1					

File - py	thon models/train_classifier.py data/Disas	terResponse.db mode	els/classifier.pkl	
66	weighted avg 5243	0.99	1.00	0.99
67				
	('aid_related',)		precisi	on recall
	f1-score support		'	
69				
70	0	0.76	0.89	0.82
	3046	0.70	0.07	0.02
71	1	0.80	0.62	0.70
'	2197	0.00	0.02	0.70
72	21//			
	accuracy			0.78
/3	5243			0.70
7/	macro avg	0.78	0.76	0.76
/ -	5243	0.76	0.70	0.70
75	weighted avg	0.78	0.78	0.77
/3	5243	0.76	0.78	0.77
76	3243			
	(Imadical bala!)		nnoois	ion nooll
' '	('medical_help',)	n+	hi.ect2	ion recall
78	f1-score suppo	I' L		
79	0	0.92	1.00	0.96
19	4822	0.92	1.00	0.90
80	1	0.62	0.04	0.08
80	421	0.02	0.04	0.00
01	421			
81	20011201			0.92
02	accuracy 5243			0.72
07		0.77	0.52	0 50
03	macro avg 5243	0.77	U.JZ	0.52
0/		a oo	a o2	0.89
04	-	0.90	0.92	U.07
O.E.	5243			
85			,	oojojon
86	('medical_products	-	pr	ecision
0.77	recall f1-score	support		
87	0	0.05	1 00	0.00
88	0	0.95	1.00	0.98
	4989	0 /5	0.05	0.00
89	1	0.65	0.05	0.09
	254			
90				

i iie - pyi	inon models/train_classifier.py data/bis	asterresponse.ub	models/classifier.pki	
91	accuracy			0.95
	5243			
92	macro avg	0.80	0.52	0.54
0.7	5243	0.07	0.05	0.07
93	weighted avg 5243	0.94	0.95	0.93
94	3243			
	('search_and_resc	ue'.)		precision
	recall f1-score	-		p. 662626
96				
97	0	0.97	1.00	0.99
	5098			
98	1	0.88	0.05	0.09
00	145			
99	accuracy			0.97
100	5243			0.77
101		0.92	0.52	0.54
	5243			
102	weighted avg	0.97	0.97	0.96
	5243			
103	C.\\	7	\7:4\~:4~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
104	<pre>C:\Users\Just Me\ \metrics_classif</pre>			·packages\sktearn
	UndefinedMetricWa	-	-	nd F-score are
	ill-defined and b	-		
	predicted samples	. Use `ze	ro_divisio	on` parameter to
	control this beha			
105	_warn_prf(avera	ge, modif	ier, msg_s	start, len(result
10/))	l - 7	\7:4\-:4-	
100	<pre>C:\Users\Just Me\ \metrics_classif</pre>			·packages\sktearn
	UndefinedMetricWa	•	•	nd F-score are
	ill-defined and b	-		
	predicted samples	-		
	control this beha			
107	_warn_prf(avera	ge, modif	ier, msg_s	start, len(result
))	_	\ - • • • •	
108	C:\Users\Just Me\			·packages\sklearn
	\metrics_classif	rcation.p	y:1344:	1 F

UndefinedMetricWarning: Precision and F-score are

108	B ill-defined and being set to 0.0 in labels with no					
	predicted samples.	_				
	control this behav			•		
109	_warn_prf(averag	e, modifi	er, msg_sta	rt, len(result		
))	-		·		
110	('security',)		precision	recall f1-		
	score support					
111						
112	0	0.98	1.00	0.99		
	5142					
113	1	0.00	0.00	0.00		
	101					
114						
115	accuracy			0.98		
	5243					
116	macro avg	0.49	0.50	0.50		
	5243					
117	weighted avg	0.96	0.98	0.97		
	5243					
118						
119	('military',)		precision	recall f1-		
	score support					
120						
121	0	0.97	1.00	0.98		
	5058					
122	1	0.75	0.03	0.06		
	185					
123						
124	accuracy			0.97		
405	5243	0.04	0 50	0 50		
125	macro avg	0.86	0.52	0.52		
10/	5243	0.04	0 07	0.05		
126	weighted avg	0.96	0.97	0.95		
107	5243					
127	(lobild alamal)		pposisi	on nooc11		
ΤΖδ	('child_alone',)		precisi	on recall		
129	f1-score support					
130	0	1.00	1.00	1.00		
130	5243	1.00	1.00	1.00		
131	JZHJ					
131						

File - pyi	thon models/train_classifier.py data/Dis	sasterResponse	.db models/classifier.pki	
132	accuracy			1.00
	5243			
133	macro avg	1.00	1.00	1.00
	5243			
134	weighted avg	1.00	1.00	1.00
	5243			
135	5			
	('water',)		nrecision	recall f1-
	score support		prediction	100000
137	Score Soppore			
138	0	0.95	1.00	0.97
120		0.75	1.00	0.77
470	4909	0.07	0.00	0 77
139		0.94	0.20	0.33
	334			
140				
141	accuracy			0.95
	5243			
142	macro avg	0.95	0.60	0.65
	5243			
143	weighted avg	0.95	0.95	0.93
	5243			
144				
145	('food',)		precision	recall f1-
	score support		•	
146	• •			
147	0	0.93	0.99	0.96
- ' '	4678			
148	1	0.89	0.41	0.56
170	565	0.07	0.71	0.30
149	JUJ			
	20011201			0.07
120	accuracy			0.93
1 - 4	5243	0 01	0.70	0.7/
151	macro avg	0.91	0.70	0.76
	5243	<u>.</u> .		
152	weighted avg	0.93	0.93	0.92
	5243			
153				
154	('shelter',)		precision	recall f1-
	score support			
155				
156	0	0.93	1.00	0.96

File - py	thon models/train_classifier.py data/Disa	asterResponse	a.ab models/classifier.pki	
156	4787			
157	1	0.89	0.22	0.36
	456			
158				
	accuracy			0.93
13 /	5243			0.70
160		0.91	0.61	0.66
100	_	0.91	0.01	0.00
	5243	0 07	0.07	0.04
161	weighted avg	0.93	0.93	0.91
	5243			
162				
163	('clothing',)		precision	recall f1-
	score support			
164				
165	0	0.99	1.00	0.99
	5159			
166		0.90	0.11	0.19
	84	0.70	0.11	0.17
167	04			
	000110001			0.00
100	accuracy			0.99
4 / 0	5243	0.01	0 55	0.50
169	_	0.94	0.55	0.59
	5243			
170	weighted avg	0.98	0.99	0.98
	5243			
171				
172	('money',)		precision	recall f1-
	score support			
173	• •			
174	0	0.98	1.00	0.99
	5125		_,_,	
175	1	0.71	0.04	0.08
1,2	118	0.71	0.04	0.00
176	110			
	000112027			0.00
1 / /	accuracy			0.98
4-6	5243	0 0=	0 -0	0 57
178	macro avg	0.85	0.52	0.53
	5243			
179	weighted avg	0.97	0.98	0.97
	5243			
180				

File - python models/train_classifier.py data/DisasterResponse.db models/classifier.pkl							
181		ng_people'	-	·			
100	recall	f1-score	suppor	t			
182		0	0.00	1 00	1 00		
183	E4.04	0	0.99	1.00	1.00		
	5191	_	4 00		0.04		
184		1	1.00	0.02	0.04		
	52						
185							
186	accı	uracy			0.99		
	5243						
187	macro	o avg	1.00	0.51	0.52		
	5243						
188	weighted	d avg	0.99	0.99	0.99		
189	3243						
	(In a fund			nnaaiaian	nooo]] £1		
190	('refuge			precision	recall f1-		
4.04	score	support					
191		•	0.00	4 00	0.00		
192		0	0.97	1.00	0.98		
	5071						
193		1	0.00	0.00	0.00		
	172						
194							
195	accı	Jracy			0.97		
	5243						
196	macro	o avg	0.48	0.50	0.49		
	5243						
197	weighted	d avg	0.94	0.97	0.95		
	5243	_					
198							
	('death'	',)		precision	recall f1-		
	score	•		,			
200	5551.5	30ppo. C					
201		0	0.96	1.00	0.98		
201	4988	U	0.70	1.00	0.70		
202	4700	1	a	0 00	0 17		
202	OFF	Т	0.89	0.09	0.17		
007	255						
203					0.07		
204	accu	ıracy			0.96		
	5243						
205	macro	o avg	0.92	0.55	0.57		

File - pyt	non models/train_ci	assifier.py data/Disas	terResponse.db mode	els/classifier.pki	
205	5243				
206	weighted 5243	avg	0.95	0.96	0.94
207					
208	('other_a	aid',)		precision	recall f1
	-score				
209					
210		0	0.87	1.00	0.93
	4565				
211		1	0.67	0.01	0.02
	678				
212					
213	accur	racy			0.87
	5243				- /-
214		avg	0.77	0.51	0.48
04.5	5243		0.05	0.05	0.04
215	weighted	avg	0.85	0.87	0.81
04.	5243				
216	(;		070+041		nnooisis
21/		tructure_r		n+	precision
218	reca	LL TI-SCO	re suppo	1. r	
219		0	0.94	1.00	0.97
	4903	O	0.74	1.00	0.77
220	7700	1	0.25	0.00	0.01
220	340	_	0.20	0.00	0.01
221	J.J				
	accur	racy			0.93
	5243	,			
223	macro	avg	0.59	0.50	0.49
	5243	_			
224	weighted	avg	0.89	0.93	0.90
	5243				
225					
226	('transpo	ort',)		precision	recall f1
	-score	support			
227					
228		0	0.96	1.00	0.98
	5014	_			
229		1	0.71	0.07	0.12
	229				

	inon models/irain_ci	assilier.py data/Disas	terResponse.ab mode	eis/ciassilier.pki	
230					
231	accui	racy			0.96
	5243				
232	macro	avg	0.84	0.53	0.55
	5243				
233	weighted	avg	0.95	0.96	0.94
	5243	_			
234					
	('buildir	ngs',)		precision	recall f1
	-score	_		•	
236					
237		0	0.95	1.00	0.97
	4958	_			
238		1	0.87	0.07	0.13
	285	_			
239					
_	асси	racv			0.95
	5243	acy			0.70
241	macro	avn	0.91	0.53	0.55
	5243	avg	0.71	0.00	0.00
242	weighted	avn	0.94	0.95	0.93
272	5243	avg	0.74	0.75	0.70
243	3240				
	('electr:	icity')		nrecisi	on recall
244		support		ргестат	on recatt
245	11 30010	30μμοί τ			
246		0	0.98	1.00	0.99
240	5137	U	0.70	1.00	0.77
247	3137	1	0.75	0.03	0.05
247	104	1	0.75	0.05	0.05
248	106				
249	20011	2201			0.98
249	accui 5243	асу			U.70
350		ava.	a 97	0.51	0 52
250	macro 5243	avy	0.87	0.5I	0.52
251		ova.	0.00	0 00	0 07
231	weighted	avy	0.98	0.98	0.97
050	5243				
252	0.\\	\ 74 M - \		\	alaa aa a \ a La7 - a
253				=	ckages\sklearn
			cation.py:		-
	undetine	ametricWar	ning: Prec	ision and	F-score are

- 253 ill-defined and being set to 0.0 in labels with no predicted samples. Use `zero_division` parameter to control this behavior.
- 254 _warn_prf(average, modifier, msg_start, len(result
))
- 255 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn \metrics_classification.py:1344:
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- 256 _warn_prf(average, modifier, msg_start, len(result
))
- 257 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn \metrics_classification.py:1344:
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- 258 _warn_prf(average, modifier, msg_start, len(result
))

259	'('tools'	',)		precision	recall	f1-
	score	support				
260						
261		0	0.99	1.00	1.00	
	5211					
262		1	0.00	0.00	0.00	
	32					
263	ı					
264	accı	ıracy			0.99	
	5243					
265	macro	avg	0.50	0.50	0.50	
	5243	_				
266	weighted	d avg	0.99	0.99	0.99	
	5243	_				
i						

268 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn \metrics_classification.py:1344:
UndefinedMetricWarning: Precision and F-score are ill-defined and being set to 0.0 in labels with no predicted samples. Use `zero_division` parameter to

267

- 268 control this behavior.
- 269 _warn_prf(average, modifier, msg_start, len(result
))
- 270 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn \metrics_classification.py:1344:
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- 271 _warn_prf(average, modifier, msg_start, len(result
))
- 272 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn \metrics_classification.py:1344:
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- 273 _warn_prf(average, modifier, msg_start, len(result
))
- 274 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn \metrics_classification.py:1344:
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- 275 _warn_prf(average, modifier, msg_start, len(result
))
- 276 ('hospitals',) precision recall f1 -score support 277 278 1.00 0.99 0 0.99 5182 279 1 0.00 0.00 0.00 61 280 281 0.99 accuracy 5243 282 0.49 0.50 0.50 macro avg 5243 283 weighted avg 0.98 0.99 0.98 5243

control this behavior.

284

- 285 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn \metrics_classification.py:1344:
 UndefinedMetricWarning: Precision and F-score are ill-defined and being set to 0.0 in labels with no predicted samples. Use `zero_division` parameter to
- 286 _warn_prf(average, modifier, msg_start, len(result
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- 287 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn \metrics_classification.py:1344:
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- 288 _warn_prf(average, modifier, msg_start, len(result
))
- 289 C:\Users\Just Me\anaconda3\lib\site-packages\sklearn \metrics_classification.py:1344:
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- 290 _warn_prf(average, modifier, msg_start, len(result
))

291	('shops',)		precision	recall	f1-
	score suppo	rt			
292					
293	0	1.00	1.00	1.00	
	5217				
294	1	0.00	0.00	0.00	
	26				
295					
296	accuracy			1.00	
	5243				
297	macro avg	0.50	0.50	0.50	
	5243				
298	weighted avg	0.99	1.00	0.99	
	5243				
299					
300	C:\Users\Just	Me\anacond	a3\lib\site	-packages\:	sklearn

300	\metrics_classification.py:1344:						
	UndefinedMetricWarning: Precision and F-score are						
	ill-defined and being set to 0.0 in labels with no						
	predicted samples. Use `zero_division` parameter to						
	control th				par amo cor co		
701				n med eta	nt lan(nacult		
301	warn_prf(average, modifier, msg_start, len(result						
700))		\-	• • • • •	. \ \		
302				•	ckages\sklearn		
			cation.py:				
	UndefinedM	letricWar	ning: Prec	ision and	F-score are		
	ill-define	d and be	ing set to	0.0 in la	bels with no		
	predicted	samples.	Use `zero	_division`	parameter to		
	control th	is behav	ior.				
303	warn pr	f(averaq	e, modifie	r, msq sta	rt, len(result		
))	, , , , , , , , , ,	- ,	, 5=	,		
304	('aid_cent	ers')		nrecisi	on recall		
	f1-score			ргостот	100000		
305	11 30016	Suppor c					
		0	0.00	1 00	0.00		
306	E40F	0	0.99	1.00	0.99		
	5187	_					
307		1	0.00	0.00	0.00		
	56						
308							
309	accura	СУ			0.99		
	5243						
310	macro a	va	0.49	0.50	0.50		
	5243	2					
311	weighted a	va	ი 98	0.99	0.98		
	5243	• •	0.70	0.77	0.70		
312	3243						
	(lathan in	£pootpuo	+		nnoojojon		
313	('other_in			L	precision		
74.	recali	. T1-SCO	re suppo	rt			
314		_					
315		0	0.96	1.00	0.98		
	5011						
316		1	0.00	0.00	0.00		
	232						
317							
318							
	5243						
319		va	0.48	0.50	0.49		
1 ·	5. 0 . 0	د -					

File - py	thon models/train_classifier.py data/Disas	sterKesponse.a	b models/classifier.pki		
319	5243				
320	weighted avg 5243	0.91	0.96	0.93	
321	02-10				
	('weather_related')	nr	ecision	
022	recall f1-score	-	·	COISION	
323	100000	Зоррог			
324	0	0.87	0.97	0.92	
027	3812	0.07	0.77	0.72	
325	1	0.88	0.62	0.73	
020	1431	0.00	0.02	0.70	
326	1-101				
	accuracy			0.87	
52,	5243			J. J.	
328		0.88	0.80	0.82	
	5243	0.00	3.33	3.3 <u>-</u>	
329	weighted avg	0.88	0.87	0.87	
	5243	0.00	0.07		
330	02.10				
	('floods',)		precision	recall f1-	
	score support		p. 00 <u>1</u> 010		
332	ост, с осррск с				
333	0	0.95	1.00	0.97	
	4816		_,,,		
334	1	0.94	0.35	0.51	
	427				
335					
336	accuracy			0.95	
	5243				
337	macro avg	0.94	0.67	0.74	
	5243				
338	weighted avg	0.94	0.95	0.93	
	5243				
339					
340	('storm',)		precision	recall f1-	
	score support				
341	•				
342	0	0.95	0.99	0.97	
	4781				
343	1	0.79	0.41	0.54	
	462				

344								
345	accura	эсу			0.94			
	5243							
346	macro a	avg	0.87	0.70	0.75			
	5243							
347	weighted a	avg	0.93	0.94	0.93			
	5243							
348								
349	C:\Users\	Just Me∖aı	naconda <mark>3\l</mark> :	ib\site-pa	ckages\sklearn			
	\metrics\	_classifi	cation.py:	1344:				
	Undefined	MetricWarı	ning: Prec	ision and	F-score are			
	ill-define	ed and be:	ing set to	0.0 in la	bels with no			
	predicted	samples.	Use `zero	_division`	parameter to			
	control th	nis behav:	ior.					
350	_warn_pi	rf(average	e, modifie	r, msg_sta	rt, len(result			
))							
351	C:\Users\	Just Me∖a⊓	naconda3\l:	ib\site-pa	ckages\sklearn			
	\metrics\	_classifi	cation.py:	1344:				
	UndefinedMetricWarning: Precision and F-score are							
	ill-defined and being set to 0.0 in labels with no							
	predicted samples. Use `zero_division` parameter to							
	control this behavior.							
352	_warn_prf(average, modifier, msg_start, len(result							
353	<pre>C:\Users\Just Me\anaconda3\lib\site-packages\sklearn</pre>							
	\metrics\ ₋	_classifi	cation.py:	1344:				
	UndefinedMetricWarning: Precision and F-score are							
	ill-defined and being set to 0.0 in labels with no							
	•	•		_division`	parameter to			
	control th	nis behav:	ior.					
354		rf(average	e, modifie	r, msg_sta	rt, len(result			
))							
355	('fire',)		prec	ision r	ecall f1-			
	score su	upport						
356								
357		0	0.99	1.00	1.00			
	5193							
358		1	0.00	0.00	0.00			
	50							
359								
360	accura	асу			0.99			
			Page 17 of 19					

File - pyi	thon models/train_clas	sifier.py data/Disas	terResponse	e.db models/classifier	ркі	
360	5243					
361	macro a 5243	avg	0.50	0.50	0.50	
362	weighted a	avg	0.98	0.99	0.99	
363						
364	('earthqua	ake',)		pred	cision	recall
	f1-score			•		
365						
366		0	0.97	0.99	0.98	
	4744	· ·	0.77	0.77	0.70	
367	7/77	1	0.92	0.74	0.82	
007	499	_	0.72	0.74	0.02	
368	4//					
	200110	201			0.97	
307	accura 5243	асу			0.97	
770		a.v.a	0.95	0.86	0.90	
370		avy	0.95	0.00	0.90	
771	5243		0 07	0.07	0 07	
3/1	weighted a	avg	0.97	0.97	0.97	
7.70	5243					
372	(, , , , ,)					5.4
373	('cold',)			precision	recall	†1-
	score su	upport				
374		_				
375		0	0.98	1.00	0.99	
	5139	_				
376		1	0.86	0.06	0.11	
	104					
377						
378	accura	асу			0.98	
	5243					
379	macro a	avg	0.92	0.53	0.55	
	5243					
380	weighted a	avg	0.98	0.98	0.97	
	5243					
381						
382	('other_we	eather',)		I	orecision	recall
	f1-score	e suppo	rt			
383						
384		0	0.95	1.00	0.97	
	4962					

File - py	tnon models/train_classifier.py data/Disas	terResponse.ab mode	eis/ciassifier.pki			
385	1	0.60	0.01	0.02		
	281					
386						
387	accuracy			0.95		
	5243					
388	macro avg	0.77	0.51	0.50		
	5243					
389	weighted avg	0.93	0.95	0.92		
	5243					
390						
391	('direct_report',)		preci	sion	recall	
	f1-score suppo	rt				
392						
393	0	0.86	0.99	0.92		
	4208					
394	1	0.87	0.33	0.48		
7.05	1035					
395				0.01		
396	accuracy			0.86		
707	5243	0.07	0 //	0.70		
397	macro avg	0.87	0.66	0.70		
700	5243	0.04	0.04	0.07		
390	weighted avg 5243	0.86	0.86	0.83		
399	JZHJ					
	Saving model					
401						
	Trained model save		· pr. c			
403	Trained modec 30VC	.				
	Process finished w	ith exit c	ode 0			
405	Joog J. Inizoniou W					
1						