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7	Abstract All GitHub repositories we collected are public reposi-			
8			All GitHub repositories we collected are public reposities with more than 20 stars.	
9	This paper is about something new.	001	les with more than 20 stars.	
10 11	Keywords: Machine Learning, Text Classification, Random-	4	Results	
12	Forest, Transformers	ТВ	TBD	
13				
14	1 Introduction	5	Limitations	
15	TBD Author [1]	6	Discussion	
16	[_]	7	Conclusion	
17	2 Related Work			
18	3 Research Method	8	Acknowledgements	
19 20	The goal of this study is to understand whether GitHub	Re	eferences	
21	repositories can be classified as sample or real. This leads [1] Test Author. 2024. Test Article. Test Journal (2024).			
22	to the following research questions:			
23	RQ1 Do text transformers can predict classes based			
24	on text?			
25	RQ2 Which technique performs better in task to			
26	classify GitHub repositories on real and sample?			
27 28	First, we prepared a training dataset of 1,000 public			
29	GitHub repositories. It is important to have both: real			
30	projects and repositories with examples. We distributed			
31	number of repositories between real and samples 750			
32	and 250 respectively. Sample repositories were queried			
33	like that: 84 repositories that contain examples in their name, 83 repositories named with samples, and 83 con-			
34	tain guides in their name. For each GitHub repository			
35 36	we collected the following features: 1) description:			
37	repository's description 2) readme: README.md file			
38	3) created_at: date when repository was created 4) last_commit:			
39	latest commit date 5) commits: total amount of commits			
40	Second, we label our dataset using numeric labels. The			
41	real repository labeled as 0, while sample one labeled as 1. To automate the process of labeling we utilize pattern-			
42	matching script. We run pattern matching for reposi-			
43 44	tory's full name e.g.: yegor256/takes, apache/kafka,			
45	and it's description. For instance, leeowenowen/rxjava-examples			
46	will match, while objectionary/eo won't.			
47	Third, we prepare dataset to be presented to the model			
48	as input. For this purpose we preprocess data using			
49	techniques of tokenization and stopwords removal. After			
50	chis step, we feed this dataset by learning both, machine earning model with Random-Forest algorithm, and deep			
51 52	earning model with Kandom-Forest algorithm, and deep earning text transformers as motivated in RQ2.			
53	Finally, we collect and compare the results, produced			
54	by trained models.			