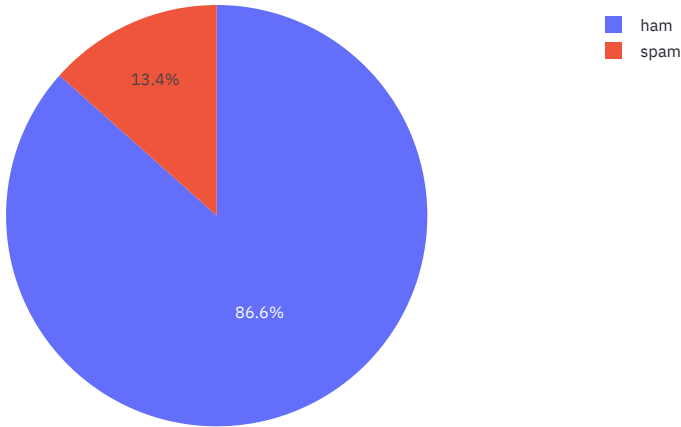)

Args:
Namespace(original_dataset='/Users/wunder9l/projects/mail_ru/made/2semestr/ml_in_production/repo/ml_project/data
train_result='reports/train_report.csv', model='models/model.dmp')
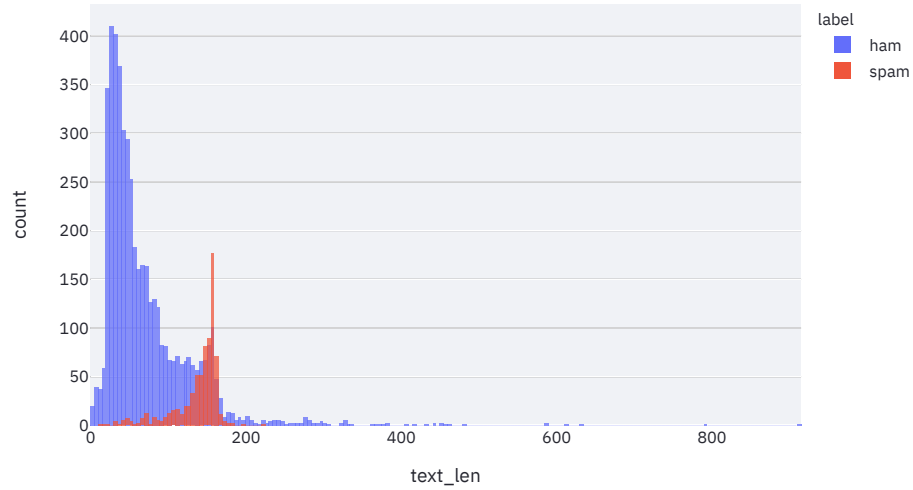
Original dataset insights

Samples of dataset

	label	text
0	ham	Go until jurong point,…
1	ham	Ok lar... Joking wif u…
2	spam	Free entry in 2 a wkly…
3	ham	U dun say so early hor…
4	ham	Nah I don't think he g…
5	spam	FreeMsg Hey there darl…
6	ham	Even my brother is not…
7	ham	As per your request 'M…
8	spam	WINNER!! As a valued n…
9	spam	Had your mobile 11 mon…
10	ham	I'm gonna be home soon…

Distributions of labels
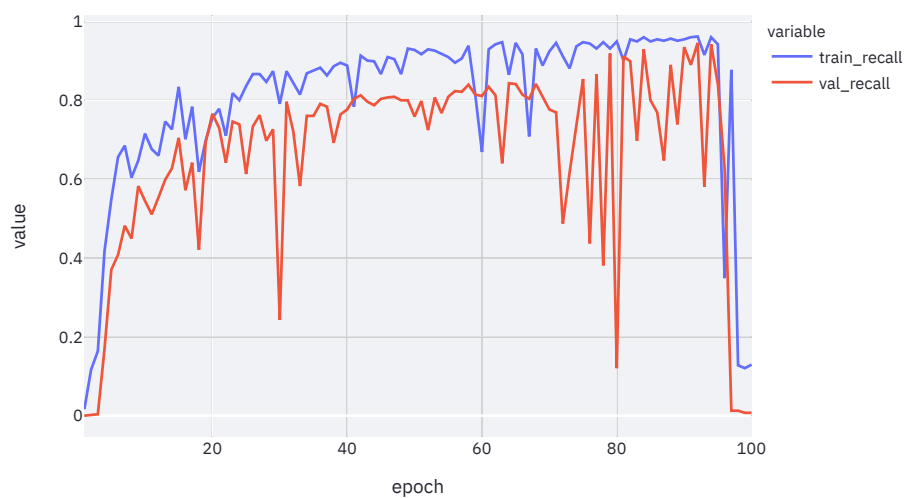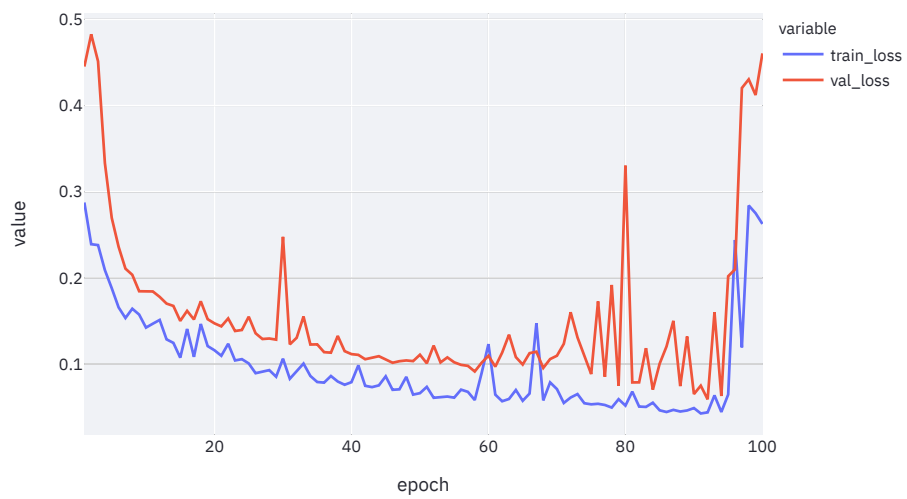
Distributions of texts' lengths

Training process

Results of training

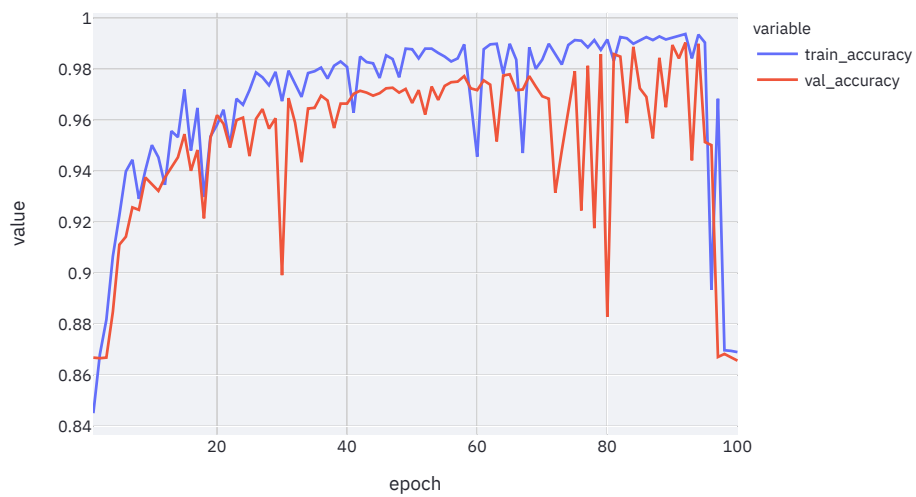|	train_loss	val_loss	train_recall	train_precision	train_accuracy	val_re
0	0.2875	0.4453	0.0162	0.0826	0.8452	
1	0.2390	0.4827	0.1169	0.5200	0.8682	0
2	0.2380	0.4513	0.1637	0.7583	0.8818	0
3	0.2089	0.3331	0.4191	0.7767	0.9067	0
4	0.1880	0.2696	0.5486	0.8090	0.9227	0
5	0.1657	0.2360	0.6565	0.8588	0.9399	0
6	0.1533	0.2107	0.6853	0.8699	0.9445	0
7	0.1642	0.2035	0.6043	0.8155	0.9292	0
8	0.1574	0.1844	0.6475	0.8717	0.9404	0
9	0.1422	0.1847	0.7158	0.8884	0.9502	0
10	0.1468	0.1842	0.6763	0.8868	0.9454	0

recall

loss

accuracy

precision

Model path: models/model.dmp