

Sentiment Analysis in .NET



EngincanV



engincanv.github.io



[@EngincanVeske](https://twitter.com/EngincanVeske)



Volosoft

Hakkımda



Yazılım Mühendisliği / Celal Bayar Üniversitesi (2017 – 2021)



Volosoft 2020 – ∞ / Yazılım Mühendisi



abp 2020 – ∞ / ABP Framework (& ABP Commercial)



Podcast / 2021 – ∞ / Sıfırdan Bire & Dotcode



2019 – ∞ / engincanv.github.io & [medium](https://medium.com)

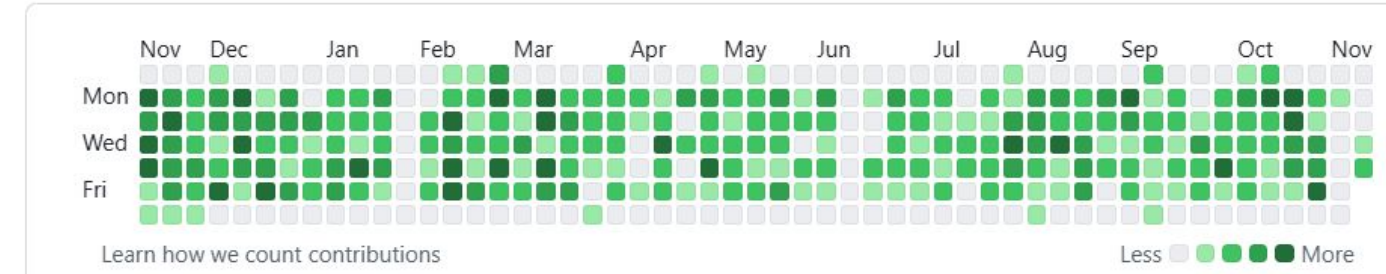


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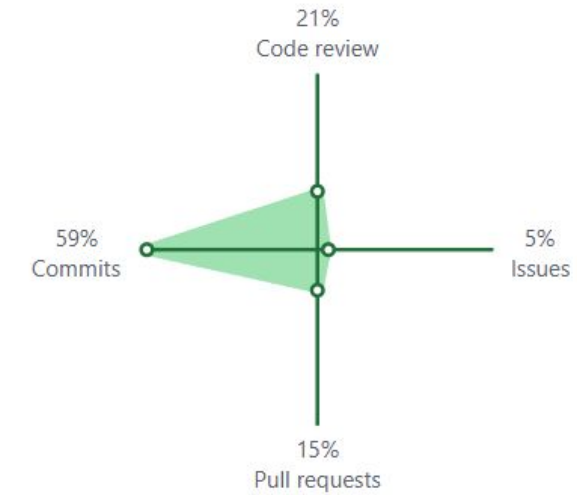
2,598 contributions in the last year



@abpframework @dotnet @abpio More

Activity overview

Contributed to [abpframework/abp](#),
[abpio/abp-commercial-docs](#),
[EngincanV/jonturk-cli](#) and 19 other repositories



2024

2023

2022

2021

2020

2019

2018

Agenda



ML.NET

.NET tarafında makine öğrenmesi modelleri oluşturmak



Sentiment Analysis

Duygu Analizi nedir?



Demo: Spam Kontrolü

Spam tespiti yaparak zararlı içerikleri önlemek

ML.NET

dotnet / machinelearning

<> Code

Issues 941

Pull requests 11

Actions

Projects

Wiki

Security

Insights

.NET machinelearning Public

Watch 577

Fork 1.9k

Starred 9k

main

Go to file

+> Code

michaelgsharp

Fixing tokenizers version (#...

5090327 · 15 hours ago

.config	Add Service Tree ID for .NET Li...	2 months ago
.github	Update locker.yml (#7133)	7 months ago
build	Update To MacOS 13 (#7285)	last week
docs	4.0 release notes (#7302)	2 days ago
eng	mp updates (#7304)	2 days ago
src	Fixing tokenizers version (#73...	15 hours ago
test	Update dependencies from m...	2 days ago
tools-local	Refactor Namespace and Seal...	3 months ago
.CodeQL.yml	Add CodeQL exclusions file (#...	8 months ago
.editorconfig	add obj-detection automl swe...	last year

About

ML.NET is an open source and cross-platform machine learning framework for .NET.

[dot.net/ml](#)

machine-learning

algorithms

dotnet

ml

Readme

MIT license

Code of conduct

Security policy

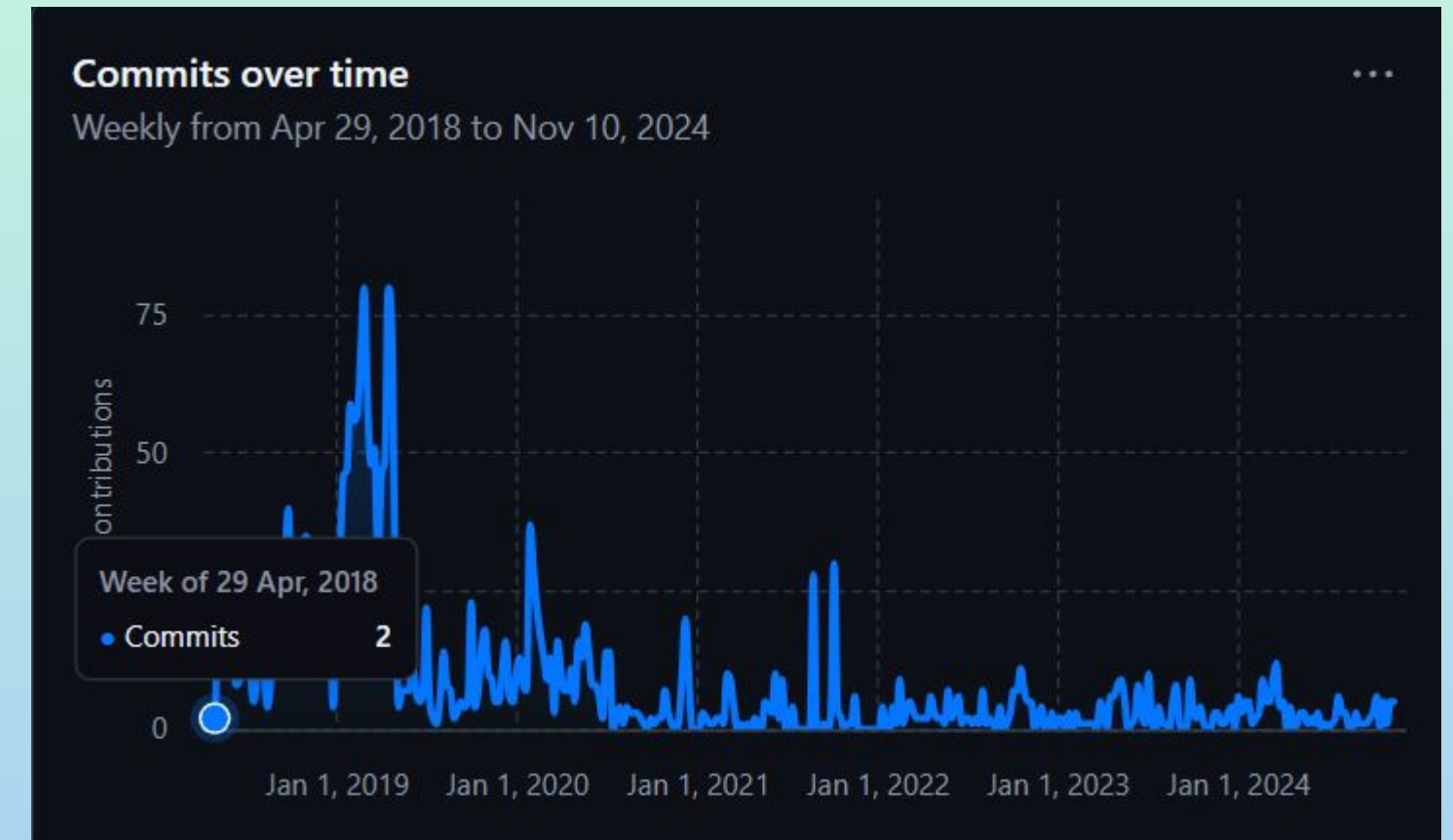
Activity

Custom properties

9k stars

577 watching

1.9k forks



Sentiment Analysis

(Duygu Analizi)



★★★★★ **This is a solid phone, it has so many features.**

Reviewed in the United States on April 21, 2024

Color: Light Blue | Style: A15 | Pattern Name: Phone Only | **Verified Purchase**

I like the do not disturb driving feature. The apps are easy to find. The battery last almost 2 full days. It charges within an 1 1/2 when battery is below 15%.

Helpful

Report



☆☆☆☆☆ **Useless unless connected to wifi**

Reviewed in the United States on January 28, 2024

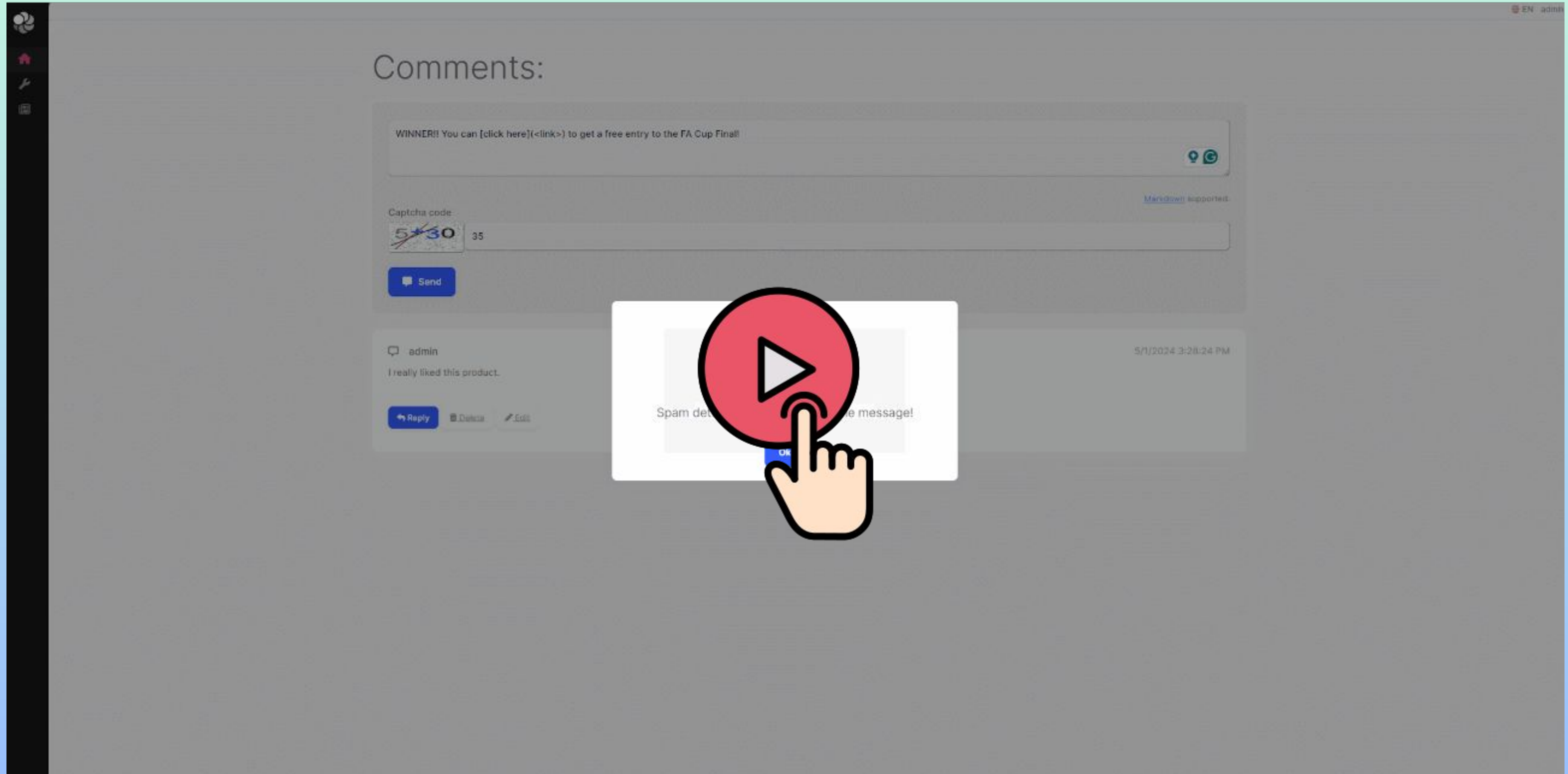
Color: Black | Style: A25 | Pattern Name: Phone Only | **Verified Purchase**

The phone I received is useless unless it's connected to Wi-Fi. It cannot maintain any data connection. Which means no internet and no phone calls.

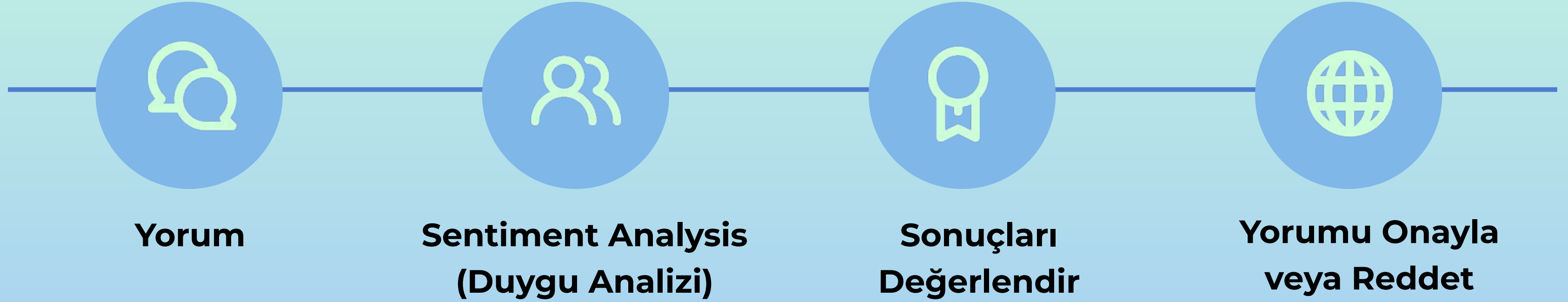
Do not buy this phone!!!



Demo: Spam Kontrolü



Demo: Spam Kontrolü



Kaynak Kod:

<https://github.com/EngincanV/SentimentAnalysisDemo>



spam_data.csv (485.7 kB)

Category		Message
ham	87%	5157 unique values
spam	13%	
ham		Ok lar... Joking wif u oni...
spam		Free entry in 2 a wkly comp to win FA Cup final tkts 21st May 2005. Text FA to 87121 to receive entr...
spam		FreeMsg Hey there darling it's been 3 week's now and no word back! I'd like some fun you up for it s...

Sentiment Analysis - Akış:

1. [Verinin](#) yüklenmesi
2. Verinin **eğitim** ve **test** veri gruplarına ayrılması
3. Veri dönüşümlerinin yapılması (sayısal vektörlere dönüştürülmesi) ve doğru/uygun algoritmanın seçilmesi
4. Verinin eğitilmesi
5. Örnek bir girdi ile tahminde bulunulması (sonucun değerlendirilmesi)

Teşekkürler :)



Engincan VESKE

Software Engineer at Volosoft



@EngincanVeske



EngincanV

