

COMPARISON OF THE TEXT SUMMARIZATION ALGORITHMS

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BEFORE WE
START...

Homeschooling: pros and cons.

With more than 2.3 million students that got home in 2016 alone, more and more parents wonder whether they should opt for home education for their kids too. They wonder whether it is a better choice concerning values and beliefs spread at public schools and whether this education style won't affect their kids' ability to socialize. There are two sides to this medal. And I will look at both of them in this article.

Homeschooling advantages

First of all, homeschooling is a great way to protect your kids from increasing bullying which, unfortunately, is getting out of control these past years. Parents who do not want their kids to become victims of peer pressure and active bullying, often decide to raise and educate their kids themselves. And it is a great solution!

Second of all, home-based education gives you freedom. Students have schedules, but they are much more flexible than those at public schools. They can easily reschedule their class if unexpected guests come to visit or their family decides to go on a spring vacation earlier this year.

Finally, homeschooling allows parents to share their core values and beliefs with their kids as they stay side by side at home daily. With the world getting more and more liberal in many senses, it is great that at least some families choose to lay a firm foundation in their kids' beliefs system.

However, there are also several downsides of homeschooling.

Homeschooling disadvantages

We would like to state that homeschooling can be quite expensive. With all the books to buy and software to install, parents often get to spend a lot of money on supplies. And this can be viewed a disadvantage.

Besides, home-based education does not give as many choices to socializing. Parents often eliminate this by offering their kids to join a local sports team or join some class. That is where homeschooled kids can get all the communication and socialization they want. But if such things are nowhere close to their neighborhood, it can be a problem.

Last but not least home-based education means that children do not have access to skilled and well-trained teachers. They have their parents to help them, but as long as their parents are not professionals in this area, there might be some troubles along the way.

As you see homeschooling has both pros and cons one has to take into account when making a final decision. Personally, I believe that homeschooling is great, and parents who have a chance to educate their kids this way should definitely go for it. But I understand the concerns of people not supporting this concept at all. What side are you on?

The Long March episode - Democracy and Dictatorship- Two sides of the same coin?

by MAJED IQBAL

The weekend in Pakistan saw the much awaited long march take its turn to add itself onto the list of the on-going Political crisis plaguing the country.

President Zardari had pledged to reinstate the deposed Chief Justice Mr Chaudhry, who had been removed by Musharraf in the November state of emergency, within 30 days of taking office, but reneged on the promise, fearing the justice would re-open the case of alleged corruption by his late wife Benazir Bhutto and him over which immunity was granted by Musharraf in a potential power sharing deal.

Power

The election of the PPP in power in January and the 'in-house' move of Zardari to Presidency saw him back down on his promise during the elections of re-instating the deposed judges if the PPP won.

Whilst Musharraf was in power we saw parties rally around the message that dictatorship was bad for the country and that is should be removed to guarantee 'real' progress. The message was not just for Musharraf but anyone with similar ambitions for dictatorial rule which had caused havoc in the country through the pursuance of the war on terror with no consultation from the national assembly, raising Juniors in army ranks above seniors who were more

loyal to Musharraf, sending the heads of the two opposition parties into exile and sacking judges who could contest President Musharraf's authority as un-constitutional.

Democracy

Today, Democracy, through free and fair elections has bought Zardari, a renowned crook into the highest office of the country, allowed the bombing and killings in swat which has seen 500,000 people misplaced and thousands of innocent men, women and children killed by American drones, lying to the public that American strikes are unstoppable as they take place from Afghanistan.

Whereas new information proves that the Pakistani gave the green light to America to bomb the citizens of the country, banning media reporting against the government as was done with GEO and colluding with the army to crackdown on lawyers, activists and opposition parties calling for the re-instatement of the deposed chief justice.

Clampdown

What can the people of Pakistan expect next even after the Chief Justice has been sworn back into power?

How can people rest their confidence in Democracy for Pakistan after the information minister, Sherry Rehman resigned in the wake of the growing clampdown by government on protests by lawyers and opposition groups which speaks volumes on how many in the government see no difference in



• PROTESTS: Thousands of people took to the streets in Pakistan over the weekend

the previous regime and the new one?

It under Musharraf's rule, are they now willing to challenge democracy and ask for its removal after witnessing its fruits?



**Supporting your needs
is an Amanah**

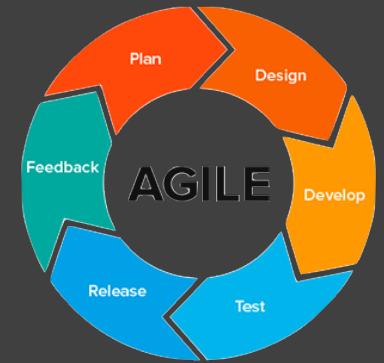
ABSTRACT

- We will try to find the best possible solution to summarize texts, by comparing text summarization algorithms
- We will also be able to observe how valid deep learning can get using different variables for their solutions.
- By the end, we will create our own summarization model that will serve for the general problem with most efficiency.

The Main Idea Behind Our Project

- People's time is important, more than ever.
- Main idea is almost always the most important part of the text.
- When the summarized version is enough, a tool is needed to do it in place of us.
- Must be efficient, precise and as fast as possible.

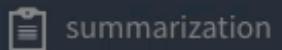
How We Will Operate?



- Compare the different types of algorithms.
- Classify said algorithms and categorizing where to use, when to use.
- Create our own model powered by Fast API.
- Implement the model for Turkish language.

Abstractive Summarization

- The model will create its own summarization by using the info it gets from the text. **THE WORDS MUST BE ITS OWN!**
- There are multiple ways to construct an abstractive model, so we will try to tackle the important ones: using Seq2Seq, LSTM and BERT(transformer-based) models.
- There are also some semi open-source or closed source models like VizSeq and Google abstractive summarization models.

Hosted inference API ⓘ

summarization

The tower is 324 metres (1,063 ft) tall, about the same height as an 81-storey building, and the tallest structure in Paris. Its base is square, measuring 125 metres (410 ft) on each side. During its construction, the Eiffel Tower surpassed the Washington Monument

Compute

This model can be loaded on the Inference API on-demand.

Contributed by

Google AI

company

4 team members · 87 models

Extractive Summarization

Start your search with a keyword, company name, patent number etc.

US9162697 Dolly for connection to child car seat to form a stroller

Overview Dual View Citation Family Legal

Abstract Granted

A dolly that connects to a child car seat to form a stroller. A connection axle includes a connection mechanism that connects the connection axle to preexisting features on the child car seat. Two wheels are rotatably connected to the connection axle. A handle attachment piece is rigidly connected to the connection axle. A handle is connected to the handle attachment piece. In a preferred embodiment the child car seat is slip fit onto the connection axle.

Claims

Description

Images (6)

Similar Patents Application Number US14/154457

Patent Valuation Application Date 14 Jan 2014

Publication Number US9162697

Publication Date 20 Oct 2015

Issue Date 20 Oct 2015

Estimated Expiry Date 14 Jan 2034

Value (USD) \$ 3,280,000

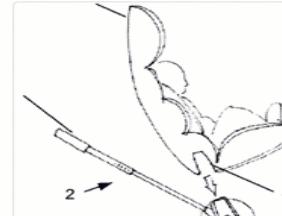
Value Metrics

Standardized Current Assignee PEREZ EDVIN R, PEREZ MICHELLE O

Current Assignee PEREZ, EDVIN R, San Diego, CA, US, PEREZ, MICHELLE O, San Diego, CA, US

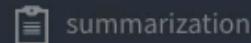
Standardized Original Assignee (Applicant) PEREZ EDVIN R, PEREZ MICHELLE O

Images (6)



11 Patents Search Results

- 1 US9162697 Dolly for connection to seat to form a stroller
- 2 US8888124 Child car seat carriers
- 3 US8702169 Method and apparatus infant safety seat
- 4 US8240762 Single, multiple and integrated seat systems
- 5 US8602490 Highchair with adapter for attaching a car seat
- 6 US8863872 Electrically powered bus comprising multiple drive units
- 7 US8123295 Car seat recline mechanism using double acting actuator
- 8 US9156478 Railroad gondola car stanchions
- 9 US7607500

Hosted inference API ⓘ

summarization

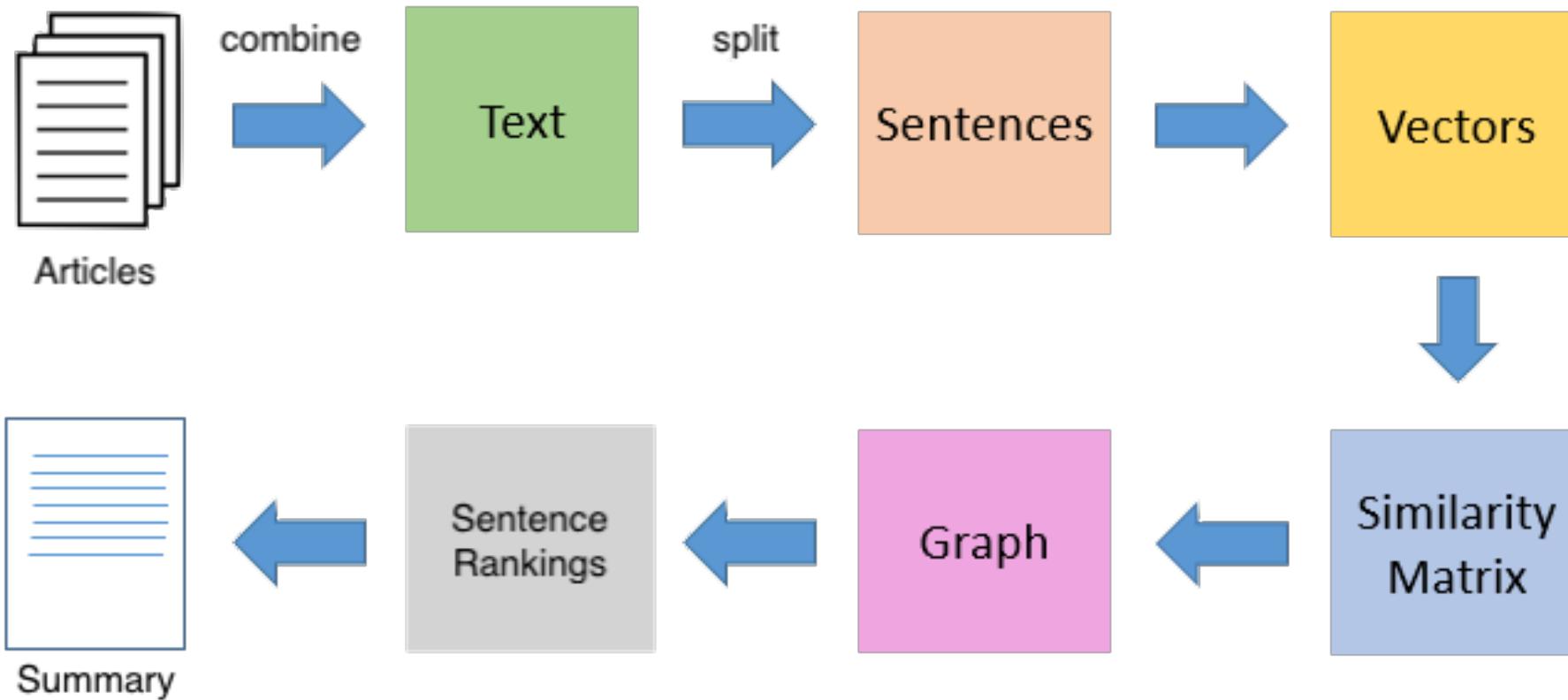
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[Compute](#)

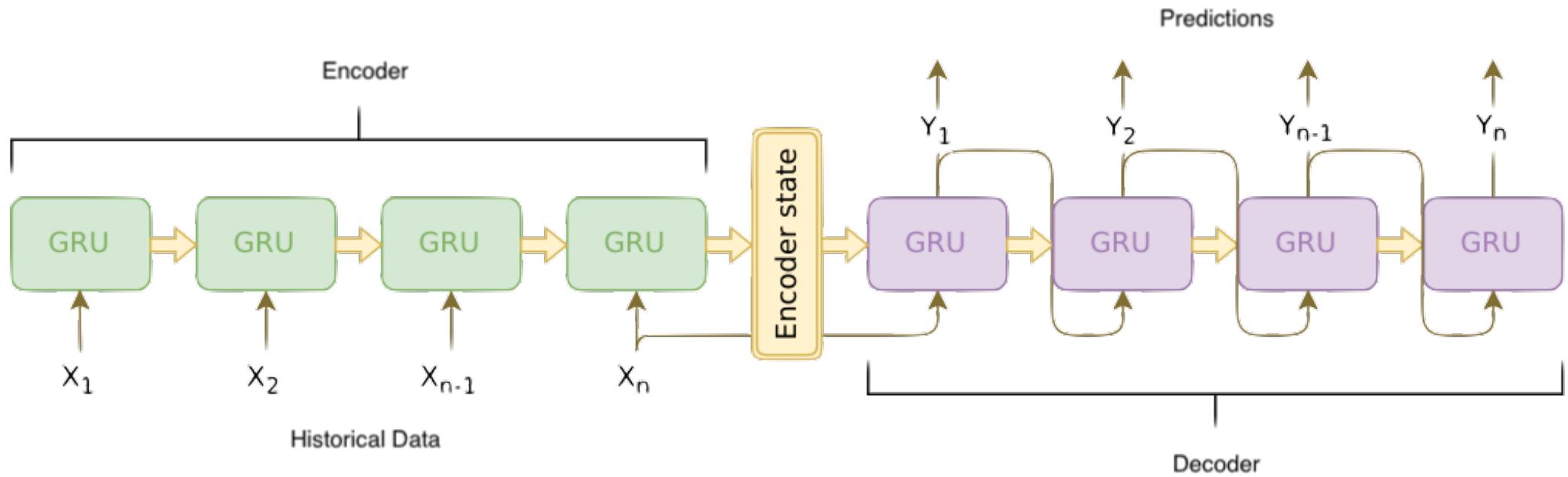
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Contributed byGoogle AI company

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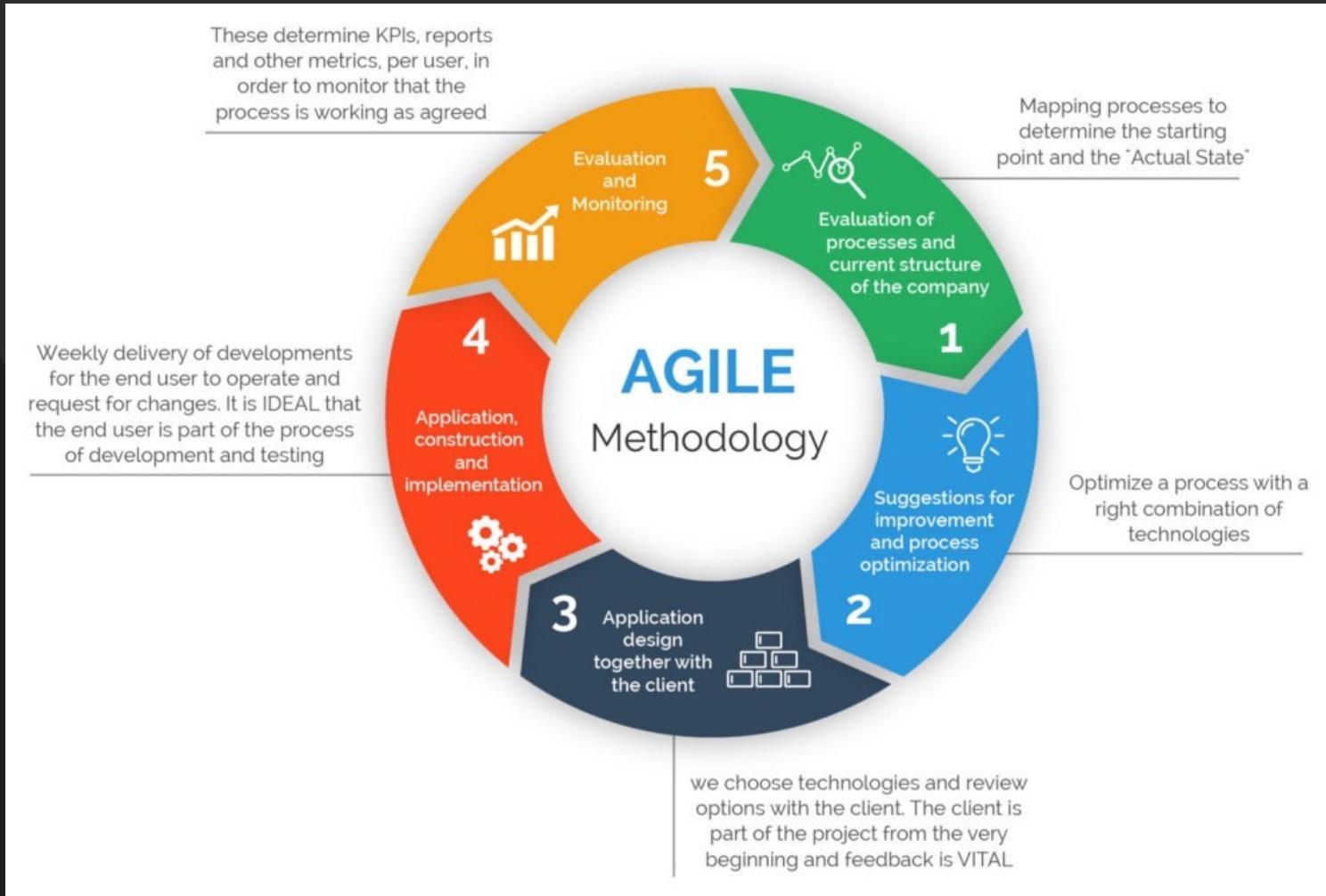


TEXTRANK



SEQ2SEQ

METHODOLOGY



AIMED ACHIEVEMENT

- Understanding the summarization process made by deep learning technology
- Creating a product that will be able to serve to people.
- Overall, gaining experience on a field that we are not familiar of.

ANY QUESTIONS?

THANKS FOR LISTENING..

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