



Wiki Question & Answering System

My job is to assist you in finding the answer that is right for you

Team: Insights Finders

Members

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Github link: https://github.com/coryroyce/wiki_based_nlp_chat_bot

What is QA System?

Question Answering (QA) system is a computer program that responds to inquiries in natural languages such as English, German, and others.

For instance, a user might inquire, **"Who is Mark Zuckerberg?"** In this situation, the Q&A system should respond with **"Facebook Founder or CEO of Facebook"**.

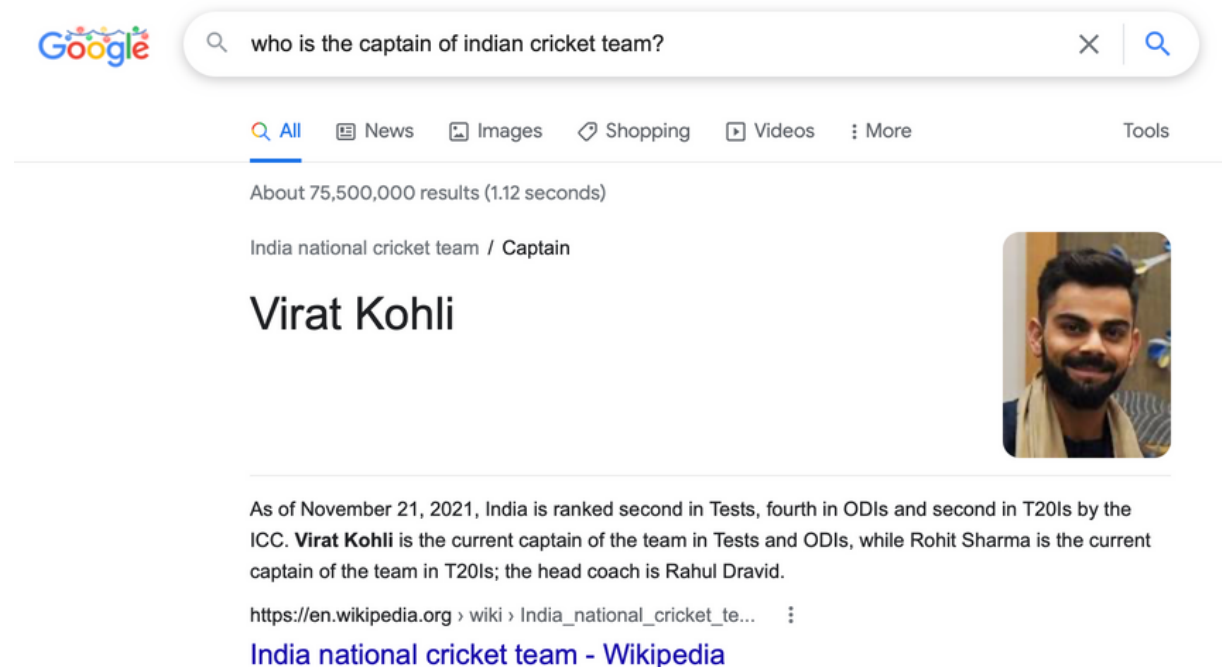
Why?

A QA system will assist in quickly locating information.

When looking for information on the Internet, we typically use search engines to find relevant materials.

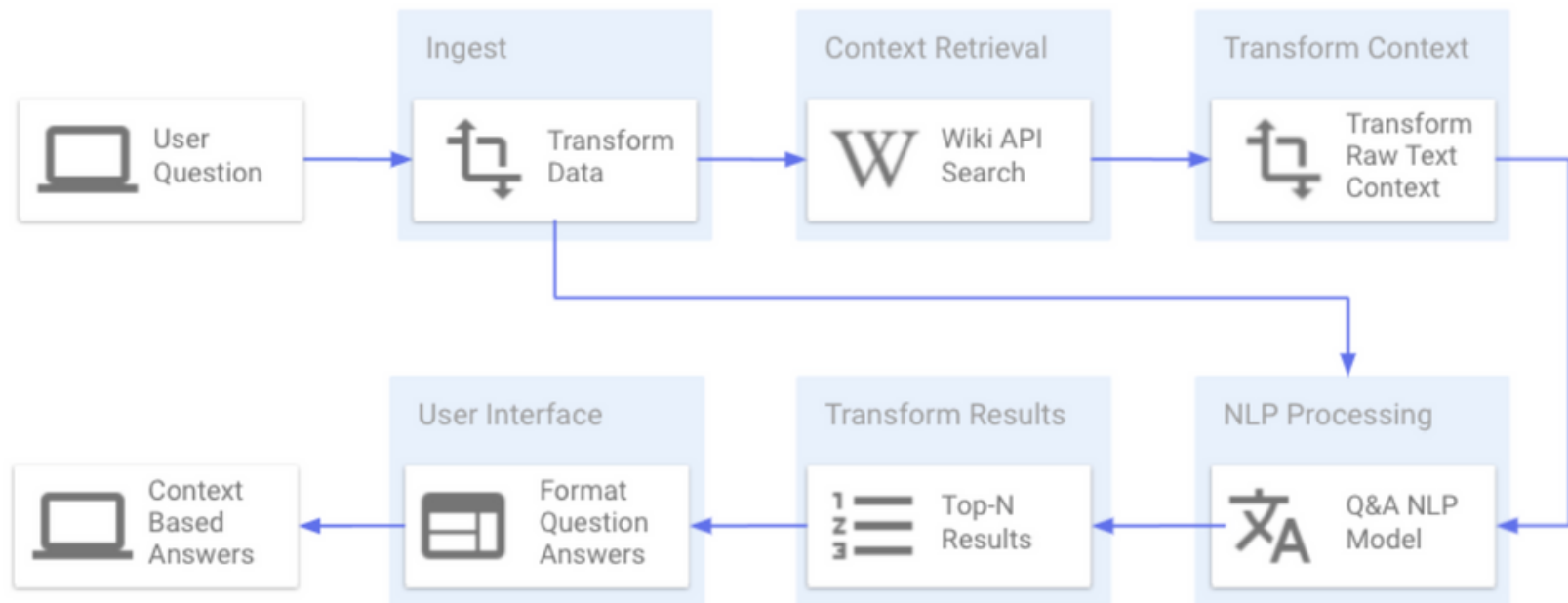
We must read the documents and decide whether they include the information you require. Its time consuming

As a result, commercial search engines contain a feature that answers questions, allowing you to find information quickly.



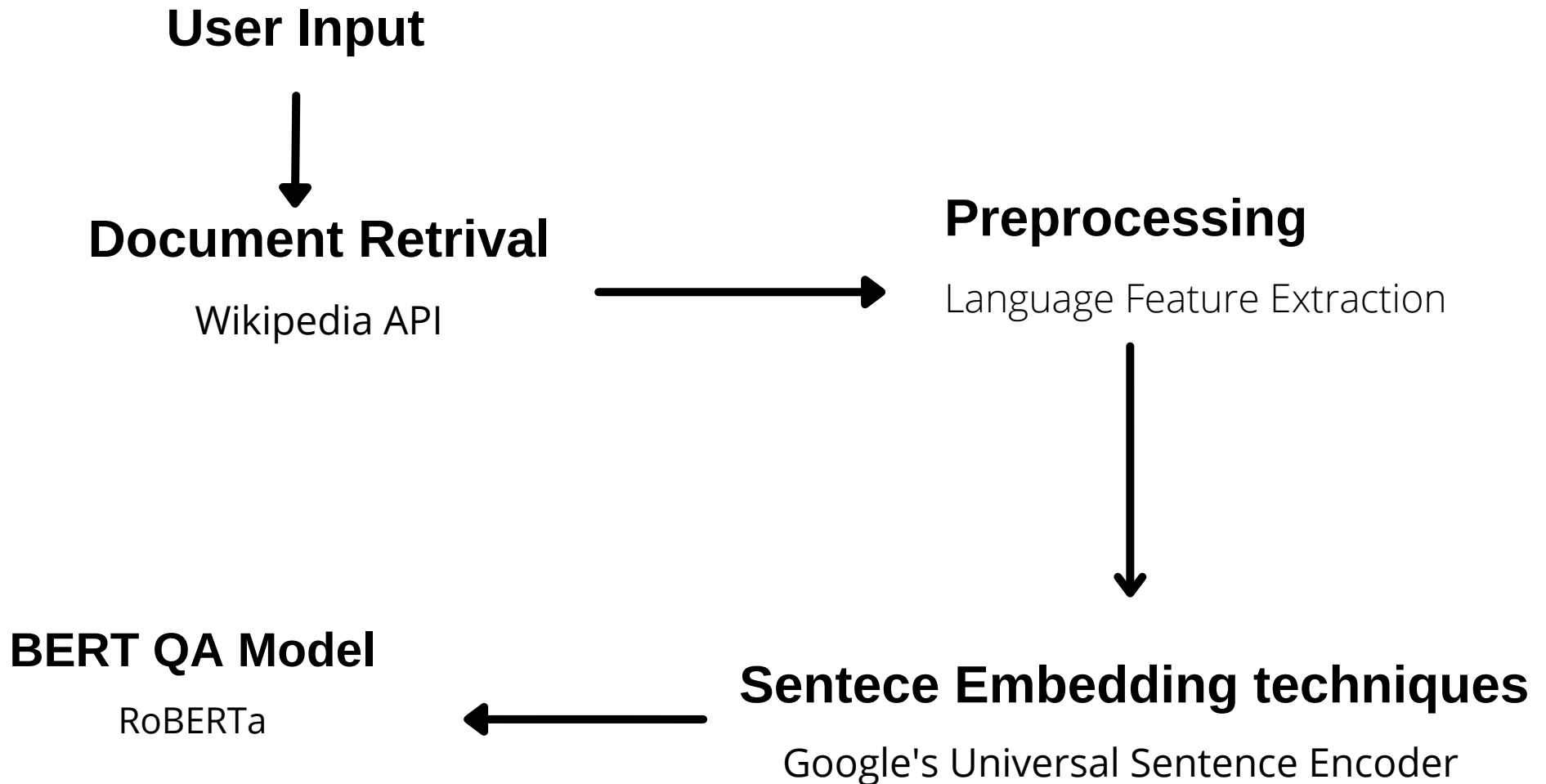
Our Approach

High-Level Architecture

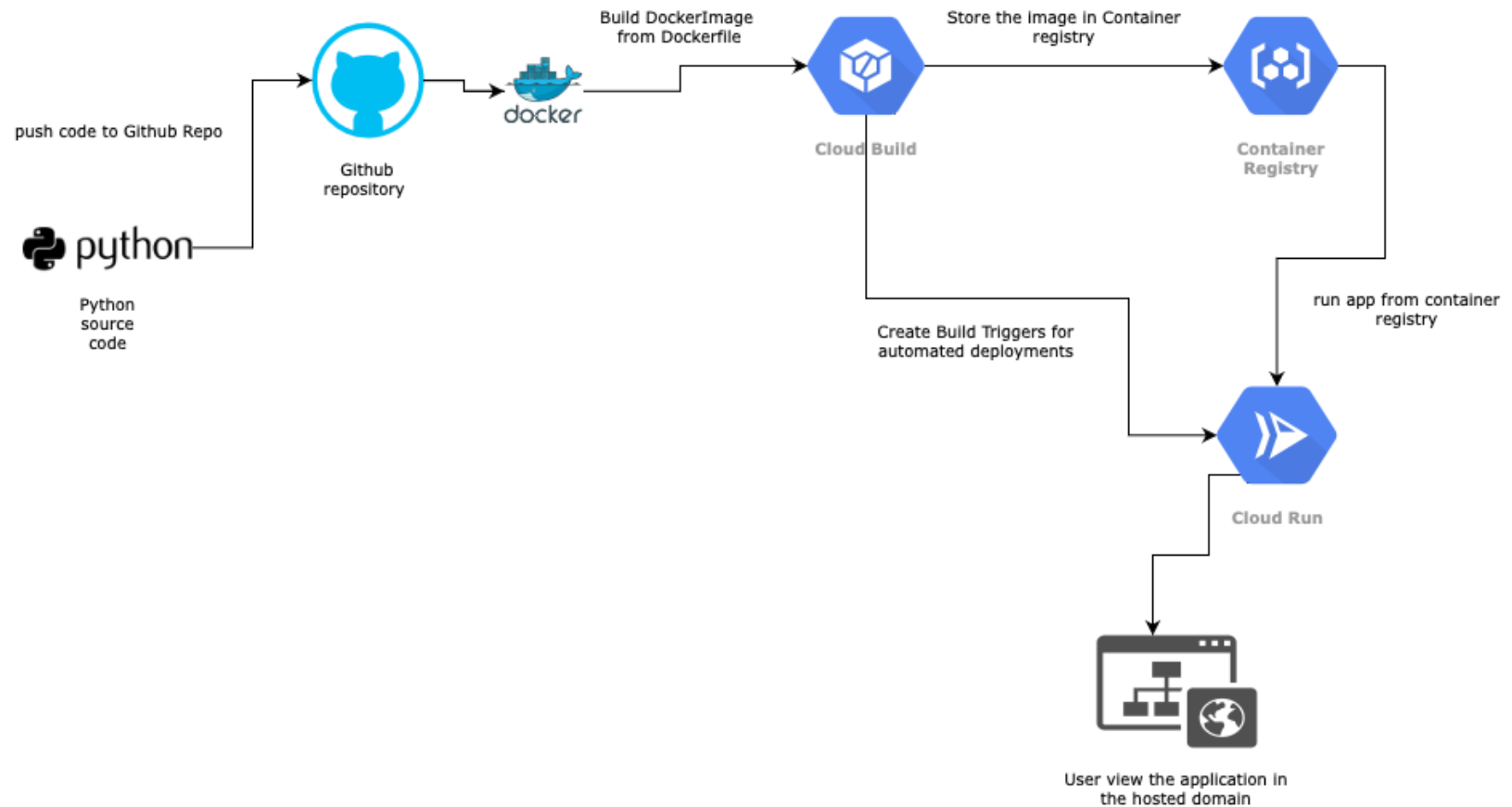


NLP MODEL DATA FLOW

We have used Huggingface QA models Pretrained on SQUAD2.0 Dataset



Our Deployment Archtecture



Live Demo

<https://cmpe256-q4uake3apq-uc.a.run.app>

DEMO



Type your Query

who is Mark Zukerberg?

Get Answers!

FACEBOOK FOUNDER

Chan
Zuckerberg
Initiative

wiki: https://en.wikipedia.org/wiki/Chan_Zuckerberg_Initiative

The Chan Zuckerberg Initiative (CZI) is an organization established and owned by Facebook founder Mark Zuckerberg and his wife Priscilla Chan with an investment of 99 percent of the couple's wealth from their Facebook shares over their lifetime. The CZI is set up as a limited liability company (LLC) and is an example of philanthrocapitalism. CZI has been deemed likely to be one of the most well-funded philanthies in the world. The Chan Zuckerberg Initiative's main areas of work include Science Education, Immigration Reform, Housing, Criminal Justice, and other local issues. The Chan Zuckerberg Initiative's mission is to build a more inclusive, just, and healthy future for everyone and to advance human potential and promote equality in areas such as health, education, scientific research, and energy. In 2017, the Chan Zuckerberg Initiative pre-leased a 102,079 square foot portion of the new Broadway Station development in downtown New York City.

CO FOUNDER AND THE CEO OF META PLATFORMS



wiki: https://en.wikipedia.org/wiki/Priscilla_Chan

Priscilla Chan, born February 24, 1985, is an American philanthropist and a former pediatrician. She and her husband Mark Zuckerberg are co-founders and the CEO of Meta Platforms. They established the Chan Zuckerberg Initiative in December 2015 with a pledge to transfer 99 percent of their Facebook shares, then valued at \$45 billion. She attended Harvard University and received her medical degree from the University of Pennsylvania.

AN AMERICAN MEDIA MAGNATE, INTERNET ENTREPRENEUR, AND PHILANTHROPIST



wiki: https://en.wikipedia.org/wiki/Mark_Zuckerberg

Mark Elliot Zuckerberg, born 1984-05-14, is an American media magnate, internet entrepreneur, and philanthropist. He is known for co-founding Meta Platforms, Inc. (formerly named Facebook, Inc.) and serves as its chairman, chief executive officer, and controlling shareholder. He also is a co-founder of the solar sail spacecraft development project Breakthrough Starshot and serves as one of its board members. Zuckerberg's social networking service, Facebook, was launched in February 2004 from his dormitory room with his roommates Eduardo Saverin, Andrew McCollum, Dustin Moskovitz, and Chris Hughes. Originally launched to select college campuses, the site expanded rapidly and eventually beyond colleges, reaching one billion users by 2012. Zuckerberg took the company public in May 2012 with majority shares. In 2007, at age 23, he became the world's youngest billionaire. In 2018, Time magazine has named Zuckerberg as the 19th most influential person in the world as a part of its Person of the Year award, which he was associated with in 2010. In November 2018, Zuckerberg was ranked 19th on Forbes list of The World's Most Powerful People.

THANKYOU

