HACKATHON

GROUP 6











OUTLINE

ClimateQA Overview
Context & Problematic
Team Presentation
Solution
Proposed Interface

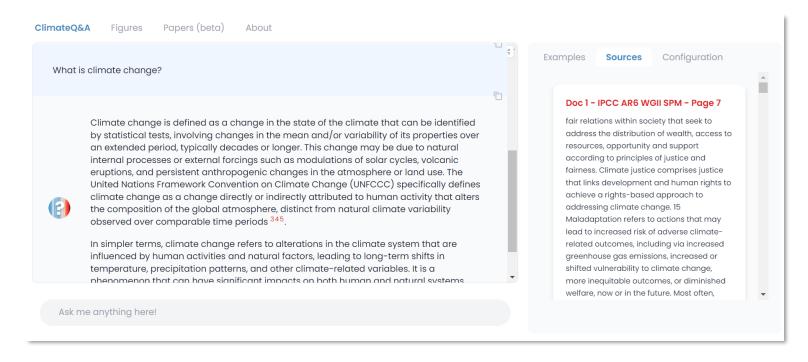
CLIMATE QA OVERVIEW

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ClimateQA by **Ekimetrics**.

Open source chatbot based on referenced reports.

Focus on climate-related questions.





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PROBLEM 1

No translation available other than the language used in the question

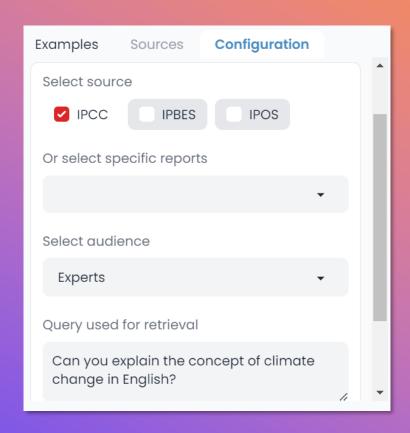
Lack of possibility to choose the language

Expliquez moi la notion de changement climatique en anglais.

Le concept de changement climatique peut être défini comme un changement dans l'état du climat qui peut être identifié par des changements dans la moyenne et/ou la variabilité de ses propriétés et qui persiste pendant une période prolongée, généralement des décennies ou plus ⁶⁸⁹. Ce changement peut être dû à des processus internes naturels ou à des forçages externes tels que des modulations des cycles solaires, des éruptions volcaniques et des changements anthropiques persistants dans la composition de l'atmosphère ou dans l'utilisation des terres ⁶⁸⁹.

PROBLEM 2

Low filters availability



CONTEXT & PROBLEMATIC



PROBLEM 3

PROBLEM 4

Quel est le rôle du méthane dans le réchauffement climatique ?

Pourquoi faut-il réduire nos émissions de méthane ?

comment réduire le méthane ?

Quelles emissions pour un CV1

comment aider une entreprise à réduire ses émissions carbone ?

En combien de temps le méthane s'estompe de

On a short answer, what is Climate Q&A?

In a short answer, how does Climate Q&A bot work?

What's my carbon footprint by taking a short flight?

in a short answer with five bullet points, give me the reasons that caused climate change?

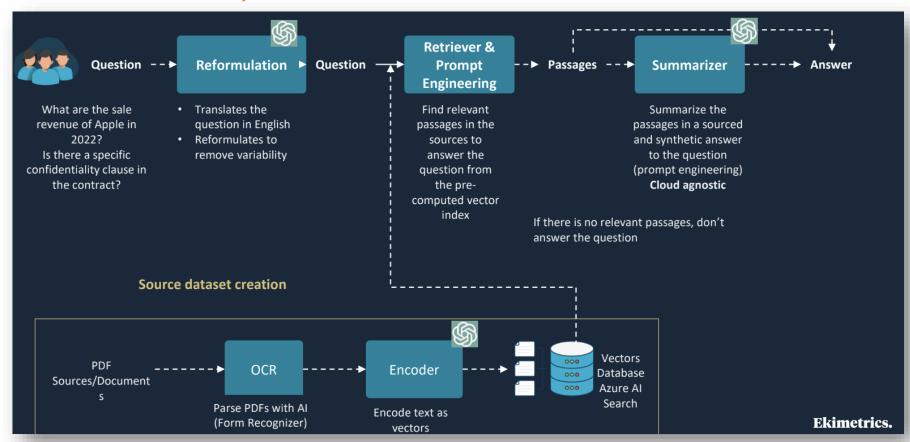
in a short answer with three bullet points, give me the reasons that caused climate change?

at which periods of time do we have significant increase in short period of time of co2 except the pre-industrial time

GENERATIVE PIPELINE







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OUR TEAM

➤ An international team



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PROPOSED SOLUTION

IMPROVED CONFIGURATION INTERFACE

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FEATURE 1 – CUSTOMIZED LENGTH

FEATURE 2 – TRANSLATION AVAILABILITY

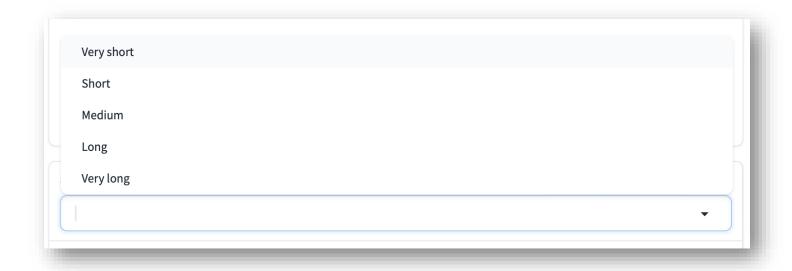
FEATURE 3 – TARGETTED AUDIENCE

FEATURE 4 – TONE PERSONALIZATION



FEATURE 1 – CUSTOMIZED LENGTH

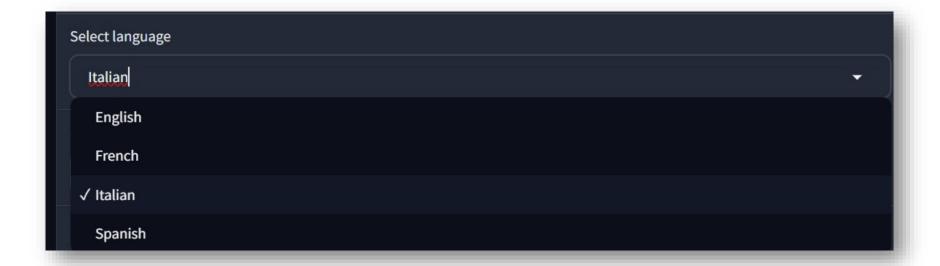
- Offering the possibility for users to choose the length of the answer
- User-friendly interface with 5 levels





FEATURE 2 – TRANSLATION AVAILABILITY

- Offering the possibility for users to select the language of the answer
- User-friendly interface

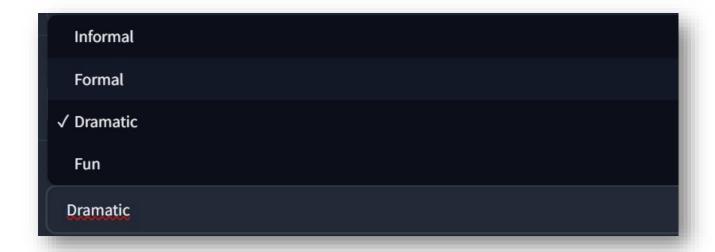




FEATURE 3 – TARGETTED AUDIENCE

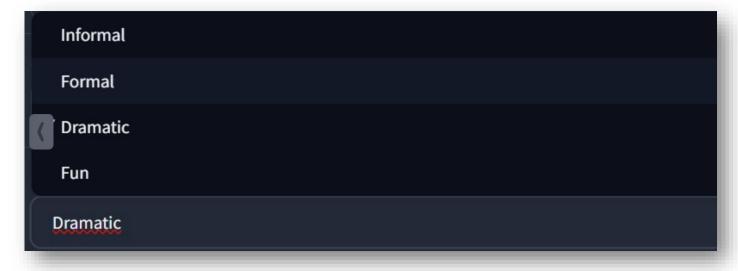
Select audience

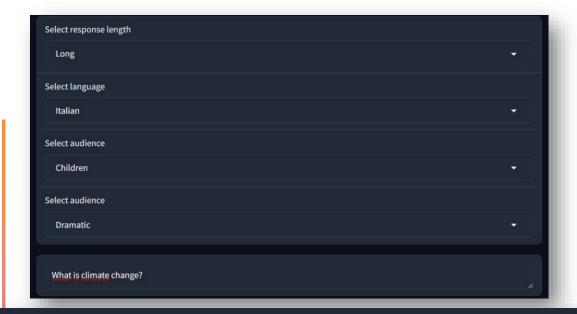
Dramatic





FEATURE 4 – TONE PERSONALIZATION





What is climate change?

Il tempo è cambiato!

Ciao ragazzi! Oggi parleremo di un tema molto importante: il cambiamento climatico. Ma cosa è esattamente il cambiamento climatico?

Secondo i nostri documenti, il cambiamento climatico è il cambiamento nella temperatura media globale della Terra causato dall'emissione di gas serra, come il metano e l'anidride carbonica, nell'atmosfera. Questi gas serra bloccano la radiazione solare e riscaldano la Terra, portando a cambiamenti climatici.

Secondo Rose Abramoff, del Laboratoire des sciences du climat et de l'environnement (LSCE) in Francia, "il riscaldamento globale è aumentato di 0,75°C dal 1880 al 2012" [Doc 1, Doc 2]. Questo aumento della temperatura media globale è un segnale chiaro del cambiamento climatico.

FINAL INTERFACE PRESENTATION







Ekimetrics.

THANKS

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