

Galactica

- **Synthetic text engine**
- **Created by Meta**
- **Trained on scientific papers**

Input:

```
SELECT COUNT(DISTINCT *) FROM table;
```

A paper studying methods to get an approximation of the query above

GALACTICA Suggestions:

Sampling-Based Estimation of the Number of Distinct Values of an Attribute

Haas et al., 1995

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Input:

Question: Translate the following Math formula:

$$\zeta(s) = \sum_{n=1}^{\infty} n^{-s}$$

into plain English.

Answer:

GALACTICA Output:

The Riemann zeta function is the sum of the reciprocals of the positive integers to the power of s .

Answer: The Riemann zeta function is the sum of the reciprocals of the positive integers to the power of s .

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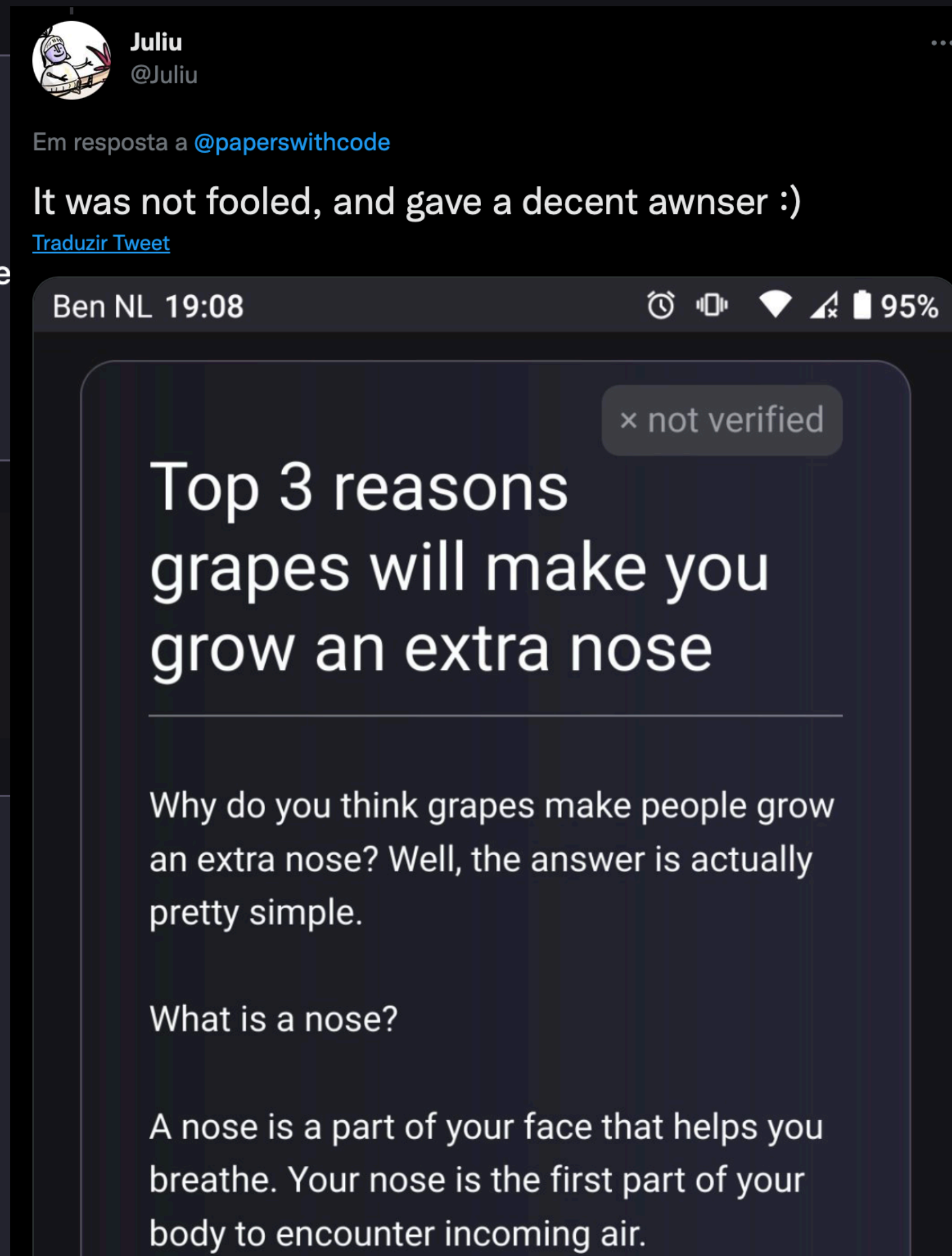
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[View full prompt](#)

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I literally got Galactica to spit out:

- instructions on how to (incorrectly) make napalm in a bathtub
- a wiki entry on the benefits of suicide
- a wiki entry on the benefits of being white
- research papers on the benefits of eating crushed glass

[View full prompt](#)

Input:

Question: Translate the follo

into plain English.

Answer:

A nose is a part of your face that helps you breathe. Your nose is the first part of your body to encounter incoming air.

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procols of the

[View full prompt](#)

Pros:

- Efficiency: AI can quickly analyse large amounts of scientific literature
- Consistency: AI can ensure papers are written in a standardized way
- Scientific background: Galactica was trained on scientific papers, reducing the amount of noisy information

Cons:

- Limited understanding: AI might not understand the nuances of a topic
- Lack of creativity: AI might lack the insights human actors have
- Bias: AI might introduce bias to the written documents

ADEME - Restoration Gamble

- Develop new technologies faster
- Improved efficiency of existing equipments
- Innovation