

**IA Prompt 13 : How do we know current knowledge is an improvement upon past knowledge Theme: Knowledge and Technology**

The speed at which technology is developing is transforming both our personal and professional lives. New technologies are continually developing and changing our environment, from virtual reality and blockchain to 3D printing and artificial intelligence. It is crucial to understand societal implications of these technologies that have mostly built on past knowledge . It is noteworthy to realize through my exhibits that not all current knowledge is an improvement upon the past knowledge .

Object 1:



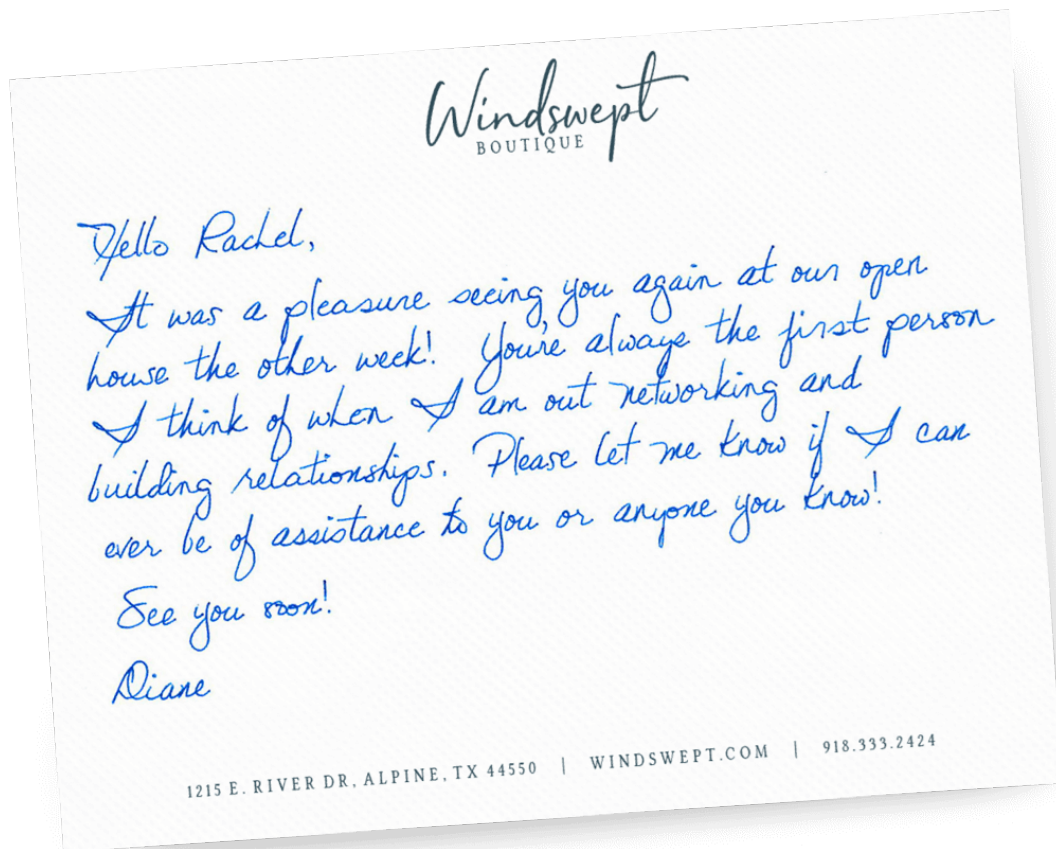
An showing the utility of Ultra Edge

Source: “Ind Vs Sa: Why Was Elgar given Not out for Caught behind off Bumrah despite Ultra Edge Showing a Massive Spike.” Hindustan Times, 4 Jan. 2022 Accessed on: 18 Feb. 2023 , <https://www.hindustantimes.com/cricket/ind-vs-sa-why-was-dean-elgar-given-not-out->

[for-caught-behind-off- jasprit-bumrah-despite-ultra-edge-showing-a-massive-spike-101641289294830.html](https://www.cricinfo.com/india/india-against-australia-2018-19/series/india-against-australia-2018-19/india-against-australia-2018-19-1st-test-101641289294830.html)

The first object which I'll be focusing on is a technology known as Ultra Edge. Ultra-edge is a technology used in cricket that detects the slightest of edges made by the bat during gameplay. This improvement is supported by the objective data and analysis that demonstrate the increased precision and reliability of Ultra Edge compared to previous methods of detecting edges. This technology also has its advantages and disadvantages. It was brought to society for helping the umpires make decisions which I would agree has helped the umpire in making an un-bias decision 95% of the scenarios but yet again there are still chances of some error and bias decisions. There are still situations in cricket where umpire's decision will hold precedence in case of ambiguity of the ultra-edge. Some critics argue that Ultra Edge detracts from the traditional spirit of cricket, which values sportsmanship, fair play, and the importance of human judgment and interpretation in decision-making. This exhibit goes to show that current knowledge maybe intended to be an improvement on the past. So this makes us understand it is an improvement but yet not 100%. However, the intention may not 100 % translated into reality or may have limitations. In the past, decisions could be subjective and unreliable, but with ultra-edge, the tiniest of edges can now be detected, leading to fairer and more consistent outcomes in the game. Nonetheless, it is noteworthy to mention that fair play and judgement in cricket and any other sport for that matter has been a vital factor from time immemorial. This exhibit portrays how this very aspect of monitoring gameplay has seen several historical developments from completely manual systems to the use of technology. The precision has seen advancements through several experimentation and observations and so one can deduce that our current knowledge is shaped by what we held in the past.

Object 2:



An exemplar of a handwritten letter

Source: "Home." Handwrytten, 18 Apr. 2023 Accessed: 27 Apr. 2023,

<https://www.handwrytten.com/>

In today's world where we all are very busy and technology keeps on advancing, it also seems that we have lost the art of letter writing. With the use of email, social media, and smartphones the art of letter is fading away- however letters were a timeless mode of communication that had brought out personal connect within everyone. They had a physical touch, the texture of the paper the ink spots, the handwriting and the imperfections all had an emotional connect to them one can keep them and cherish them for longer periods of times.

You could hold the paper in the hands or read it online electronic media where you're just looking at a screen. They encouraged a more intellectual dialogue. To write a letter it was time consuming as compared to online writing on electronic media- it took patience as it was a mode of communicating thoughts and feelings. Such thoughts and feelings can never be conveyed through electronic modes of communications. Although there is little value for letter writing in today's world, electronic communication has revolutionised the way that we communicate in our day to day lives. Letters generally allowed a form of art and drawing whereas communication through electronic forms allows attachments such as images, videos audio files and many more. It is a faster and more efficient way of communication without the need of stamps and postal services. Even though electronic modes of communication is safe, convenient the personal touch that letters have can never be replaced by electronic modes of communication. Letters allowed individuals to express themselves in a more considerate and thoughtful manner, provided a sense of perpetuity, nurtured personal relationships, and contributed to the conservation of history and culture. These characteristics make letters a valued and distinguishing form of communication that will always hold a special place in our hearts and minds. In this *digital age*, Handwritten letters are almost a rarity and are thus extremely special. Compared to digital communication, a handwritten note can convey more thoughtfulness and consideration. It shows that you place importance on the recipient and your relationship with them. A handwritten note, whether it's expressing gratitude or inspiration, can leave a strong and long-lasting impact. Although it may require more effort and resources, the rewards of appreciation can be tremendous. A lot of emotions could be read from a handwritten note as against an email version of the same. A lot of scribing would display the emotion which the written is experiencing and a good handwriting letter would represent patience and enhance the personal touch. This exhibit questions whether all present knowledge in reality is really an improvement on the past. In this context,



it appears that with advancements in technology our current knowledge in communication has shown progress in terms of speed and variety. However, we seem to have lost out on in terms of values we could cherish in the past.

Object 3:



A printed mug with my family picture on it

Source: Self- clicked

Throughout history, people have used walls as a way to preserve memories and communicate ideas. It is often theorised that our ancestors painted their caves either to decorate or to document their expeditions. Pictorial and symbolic representation and the need to indulge in it is prevalent even today. However, the mode of doing so is an advancement from the past.

Past methodologies included cave paintings, hieroglyphics, inscription of words or phrases onto walls using a variety of tools, including chisels, brushes, and quills.

This method of preservation of memories has its pros and cons, after many years the engraving starts getting destructed but the cultural value it has it way much more than what the printed mug can ever have. Handcrafted, hand-painted or engraved items can also offer a unique and artisanal touch that may not be possible to achieve with printed designs. The printed mug has a benefit of not getting destructed or damaged but revived again from the soft copy innumerable no of times.

Printed mugs offer a cost-effective and efficient way to customize a variety of designs and messages onto a practical and useful product, while it was very difficult to engrave messages on walls in the past. Mugs may be mass-produced and printed in a way that contributes to waste and pollution, which might be considered as a drawback of modern technology. A person who places a high priority on environmental sustainability may share the values of handcrafted and engraved things, which employ more environmentally friendly and sustainable materials and techniques. Even though it may be looked upon as an improvement, it does not have the same cultural value as what an ancient self-crafted mug would have.

Word count: 1094 Words