

Bengali Society of Queensland

Newsletter
July 2024



BSQ Youth Festival

Aanya Bhattacharjee



At the 2024 Youth Festival, there were many creative stalls and activities presented by aspiring entrepreneurs with amazing ideas and the BSQ Team. As a newcomer to BSQ, it was very exciting to try out all the activities available at the stalls, from 3D printing to cookies and other sweets, to a Kolkata Gift Shop, chaat, horse racing and much more. You could also buy beautiful handmade art and clothing. There was also very interesting entertainment, starting off with an inauguration speech with Swami Ji Vedanta and a choir, then a bunch of performances where people would come up to sing and dance and a debate as well, which I participated in. I particularly enjoyed meeting a lot of new people and getting involved with the activities available and the BSQ Team's efforts in thinking of new activities to allow people to try something new. It made me appreciate the opportunities available at the event and changed the way I looked at social events because of how creative it was. The event was a lot of fun, and I can't wait to go again next year!



The Ramayana: A sacred epic from India as seen through the eyes of an 8-year-old

Raina Dutta

The Ramayana is a sacred epic story from India, composed by Sage Valmiki in Sanskrit around the 5th Century BC.

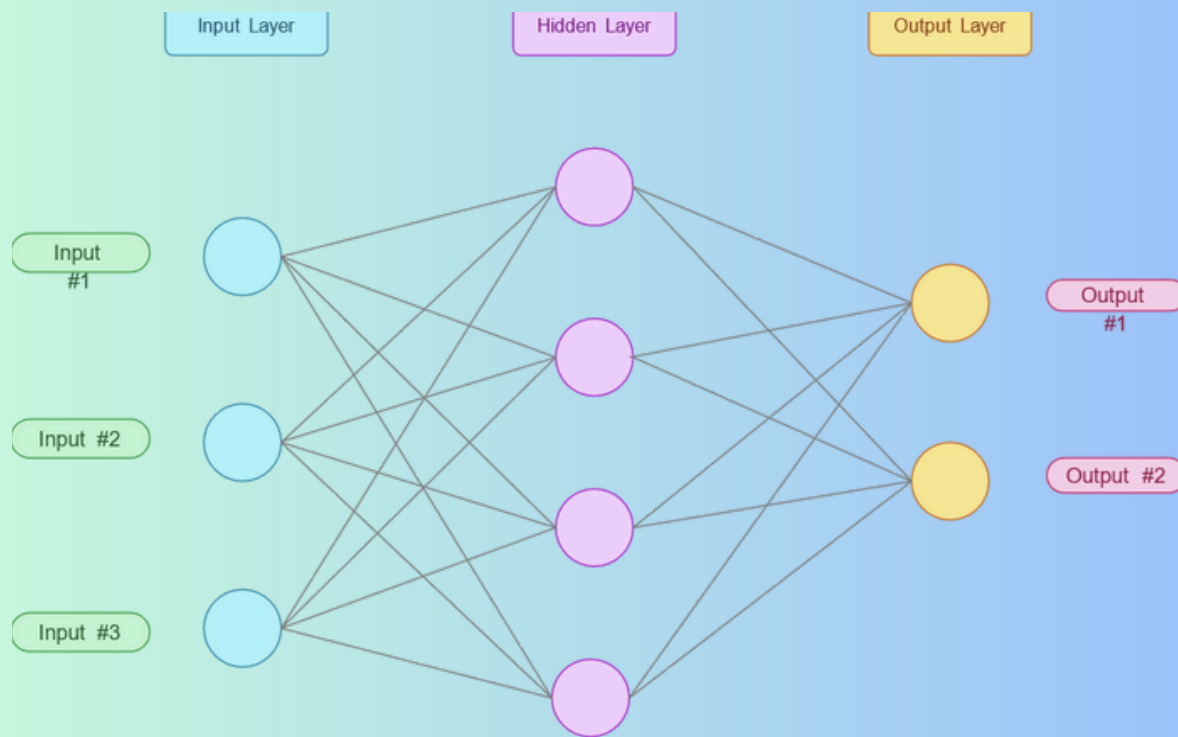
It narrates the adventures of Rama, prince of Ayodhya, who was exiled for 14 years by his father's scheming second wife. Along with his wife Sita and his brother Lakshmana, Rama wandered in the forest encountering sages, demons and monkeys.

Sita was abducted by an evil king, Ravana who wanted to make her his queen. Rama allied with the monkey king Sugriva and his army to rescue her. After a fierce fight Rama defeated Ravana and returned home with Sita and Lakshmana.

He was crowned as king of Ayodhya and ruled with justice and virtue. The Ramayana teaches the values of dharma, loyalty, courage and devotion. It is considered a sacred scripture and a cultural treasure by millions of Hindus.

Birds eye view of AI

Pranshu Sharma



Introduction

The concept of Artificial intelligence has predated the invention of the transistor. All AI, particularly generative AI, has been in the spotlight recently, ever since the release of ChatGPT.

So, how does it work?

Predictive AI

Before a landmark paper called "Attention is all you need" using transformers for AI was published by Google scientists in 2017, the main use for AI was to 'predict' outcomes based on data. This has useful applications in items where software is used to recognize images, for example reading handwriting.

At the core of a predictive AI, is a neural net, as shown above, where lines are connections and circles are neurons.

Neural nets are basically algorithms that answer multiple choice questions, it is programmed with certain finite outputs that the neural net will select based on the weight of the connections and biases of the neurons. A neural net consists of layers, which each consist of neurons. Each neuron is connected to every neuron in the next layer. These connections consist of a number within 0 and 1. A predictive AI, is the combination of neural networks and deep learning (adjusting the weights and biases of neurons to produce more accurate answers).

Generative AI

Generative AI, like ChatGPT, is the kind of AI that can create new content, such as text and images. And we already know now, predictive AI is limited to only answering multiple choice questions. So how does generative AI work?

Generative AI works by using a predictive AI approach recursively to be able to generate content.

Say you give the prompt to ChatGPT "Say hello".

ChatGPT will call the neural net to predict the first letter of its response, which will return 'H'.

This time, it will call the neural net on both the users prompt and its partial response (which is for now only 'h'), to decide the next letter. And so on till it reaches the last letter 'o'. Now calling the neural net for 6th time, the predictive AI would take the users input and partial response and reach the prediction to 'terminate'.

If you wondered why ChatGPT does not give the whole answer at once, this is why, it works on a character by character basis.

This process is computationally intensive. In ChatGPT's case 8 trillion transistors and 76 layers are needed in the neural net to provide fast and accurate responses, which is called every time it outputs a letter!

Conclusion

Now you know how generative AI works, so what are its implications and limitations? It can:

- do repetitive tasks that have little scope for error.
- help design medical drugs
- accurately translate text from different languages
- provide personalized content

Now, myth busting time:

•Generative AI will takeover the world: Generative AI is still just an algorithm, therefore has no desires, so it has no reason itself to take over the world.

•AI will replace your job: even simple jobs are more likely to get replaced by predictive AI than generative AI. And if your job involves more complex stuff which a G-AI can seemingly do, like writing and programming, G-AI is a black box, in that it cannot explain how it got a solution, and itself has no understanding of what it is doing.

•AI is a recent development: the concept of AI is older than 1950, and the first working neural net is from 70 years ago.

•AI is cruel and unethical: AI as of itself has no opinion, however it can inherit biases from the datasets used to train it.

•AI can go 'rogue': Even complex AI's, are all at core just neural net algorithms. They themselves cannot even have an agenda or an aim, and cannot be trained to have one either.

Sports: Olympics 2024

Abhisri Dasgupta



Manu Bhakar



Sarabjot Singh



Swapnil Kusale

The Olympics, the pinnacle of international sports, has captivated the world once again with its spirit of unity. This quadrennial event serves as a global celebration of athleticism, fellowship, and national pride. Since its inception in 1896, the Olympics have stood as a testament to the enduring power of sport in fostering connections and breaking barriers across nations and cultures.

Every four years, athletes from all corners of the globe connect to showcase their talents and dedication. This year, there have been several achievements already with India winning three bronze medals, all in the sport of shooting. The first, Manu Bhakar, participated in the 10 metre women's air pistol, being the first Indian woman to do so. She also took part in the mixed, along with Sarabjot Singh, gaining another medal there. The final was won by Swapnil Kusale who took third in the 50 metre rifle 3 position. Overall, since the start of the Olympics, India has won 38 medals and will win more in the years to come.

The Olympic Games not only crown champions but also serve as a platform for individuals to transcend boundaries, inspire generations, and forge lifelong memories. As the world tunes in to witness this extraordinary spectacle, the legacy of the Olympics continues to shape the future, uniting people worldwide in the pursuit of excellence and mutual respect and continuing the legacy that the Olympic games carry forward into the hearts and minds of billions around the world.

In eight years, Australia will take the center stage of the world as the country prepares to host the Olympics. As the countdown begins for the Games to grace the Australian shores, preparations will be in full swing to welcome athletes, spectators, and visitors from across the globe.



Comics: Lovay Part 2

Sanvi Sen



Great grand daughter- Finally, that took a hot minute. Now can we watch @PreppyPaisley-23 on YouTube- That's way better!

and preppier.

Great grandma- Now could you explain to me what a Preppy is?

Great grand daughter: Naur! Sorry pooks, that's too much work.

Mum- Honey, please explain to her.

Great grand daughter- Fine. A preppy is someone who likes brightly coloured stuff, has Sol De Janeiro, Lululemon and Glow Recipe. And stuff like that.

Great grandma- Oh! I've got no clue what you're talking about, but okay! Anyways, what was with calling me a "Pook" earlier?

Great grand daughter- Basically, "pook" comes from the word Pookie, which means bestie.

Great grandma- Interesting you young pals are! Anyways, how about we go for some lunch now?

Mum- Oh yes yes, I've prepared some scrumptious stuff!

Great grandma- You really didn't have to, but I'm sure whatever you made is delicious and savour-worthy!

Great grand daughter- Yay! The tanghulu worked out this time! And so did the mochi!

Great grandma- Ooh, these sweets look quite delectable! What is tanghulu? And what is mochi?

Great grand daughter- Too much to explain, soz!

Mum- Honey, you need to explain!

Great grand daughter- Fine! They're basically Asian snacks; Tanghulu is sugar coated fruits and mochi is a sweet treat.

with a sweet, stretchy dough outside.

Great grandma- Ooh, sounds nice. Back in my day, everyone's favourite treat was princess-bread! Or was it fairy-bread?

Great grand-daughter- Uhg I can not with that fairy-bread stuff. It's basically a bunch of un-preppy calories on top

of a slice of carbs. It's definitely not giving.

Great grandma- Oh, us little kids loved it. We didn't really care how healthy it was.

Great grand-daughter- Of course, no wonder people from your days looked like potato freaks!

Mum- Go to your room! Now!

Great grandma- Um, I wouldn't put it like that.

Great grand-daughter- Guys, just take a chill pill, I was joking. *Murmurs under her breath; You guys are as sensitive as my expensive skin*

Celebreties born in July



Amit Kumar
3rd July



Ushoshi Sengupta
30th July



Pratibha Sinha
4th July



Amitava Ghosh
11th July



Shyama Prasad Mukherjee
6th July



Sourav Ganguly
8th July

Upcoming events

BSQ
Cultural Emancipation

Aandhaar Ghanaay

আঁধার ঘনায়

Kaushik Sen
Reshmi Sen
Ridhdi Sen
Surangana Bandyopadhyay
Rajarshi Nag

Independence Day Discount

Platinum \$110 - \$90
Gold \$55 - \$45
Silver \$35 - \$30

14 September 2024
6.30 - 8.30 pm
Queensland Multicultural Centre

Scan to book your tickets  

**Independence day
discount 14 August**



Durga Puja

04 Oct 2024, 7:00 pm – 06 Oct
2024, 9:00 pm

Coorparoo Secondary College,
Stanley St E & Cavendish Road,
4 Cavendish Rd, Coorparoo QLD
4151, Australia