



PUNE BRANCH OF WICASA OF ICAI

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New WICASA Committee Members - 2022



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Secretary



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Treasurer



Mr. Yash P Khandare
Joint Secretary



Mr. Pratik S Lawande
Joint Treasurer



Mr. Deven R. Lunkad
WRO0671680

ALGORITHMS AND FUTURE

Suppose you just had a nasty fight with your boyfriend/girlfriend and your sound system pops up with the suggestion of number of sad songs. You spent hours listening to those sad songs and this same sound system suggests you some songs which cheers you up from the sadness and gets you into the state of joyness.

Well, this situation you might have already experienced or maybe you will be experiencing it in future. But the question here arises is how do sound system knew the details of my mental state? The answer is the ever watching and pattern processing Algorithms.

What happened in this case was, Algorithm in charge of sound system immediately discerned your inner emotional turmoil, and based on what it knows about you personally and about human psychology in general, played songs tailored to resonate with your gloom and echo your distress. After helping you getting in touch with your sadness, the algorithm played a song in world that is likely to cheer you up- perhaps because your subconscious connects with a happy childhood memory that even you are not aware of. No human DJ could ever match the the skills such of an algorithm.

In the modern world art is usually associated with human emotions and when we evaluate art we tend to judge it by its emotional impact on the audience. Yet if art is defined by human

Emotions, what might happen if external algorithms are able to understand and manipulate human emotions better than Shakespeare, Beyonce or AR Rahman. After all emotions are the result of a biochemical process. Hence, in the not so distant future a machine algorithm could analyse the biometric data streaming from sensors on and inside your body, determine your personality type and changing moods, and calculate the emotional impact that a particular song is likely to have on you.

In the last few decades research in areas such as neuroscience and behavioural economics allowed scientists to hack humans, and in particular to gain understanding of how humans make decisions. It turned out that our choices of everything from food to mates result not from some mysterious free will, but rather from billions of neurons calculating probabilities of survival and reproduction within a split second. We don't feel the millions of neurons in the brain computing the probabilities of survival or reproduction, so we erroneously believe that our fear of snakes, our choice of mates or our opinions about the social/political issues are the result of some mysterious 'free will'. On the contrary, all our fear, choices and opinions are the result of successful manipulation from institutions, corporations and government agencies monitored by the algorithms. Human, being a social animal, his beliefs are what other humans believe. His life, a replica of other people lives, which are predominated by the algorithms.

Vaunted 'human intuition' is in reality 'pattern recognition'. Many lines of work such as driving a vehicle full of pedestrians, lending money to strangers, and negotiating a business decisions. Require the ability to correctly assess the emotions and desires of other people. As long as it was thought that such emotions and desires were generated by an immaterial spirit, it's obvious that computers will never be able to replace human drivers, bankers and lawyers. Yet if these emotions and desires are in fact no more than biochemical algorithms, there is no reason why computer cannot decipher these algorithms. To put it short, once these algorithms know you better than you know yourself, they could control and manipulate you, you won't be able to do much about it and the authority will shift to them.

Ofcourse, if you are happy trusting algorithms to make all your decisions for you, then just relax and enjoy the ride. If, however, you want to retain some control of your personal existence, you have to run faster than the algorithms and get to know yourself better before they do.

To conclude, renowned psychologist Sir Carl Jung quoted: "The world will constantly ask you who you are and if you don't know, the world will tell you."

Source: Writings of Yuval Noah Harari.



Ms. Urvashi Tomar

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The Other Half of Economic Progress

Although there is no clear agreement as to what constitutes a developed nation, we know India has a long winding road ahead in terms of human development. This disparity cannot be bridged if we do not fill another prominent gap in our economy i.e. the gender gap. Women in India constitute about **48.04%** of our population and still this section of our population is highly underutilized due to various factors. According to the Global Gender Gap index report by **World Economic Forum**, gender parity will take another **132** years to recover. The global gender gap index ranks different countries on the basis of four key parameters namely: health and survival, education attainment, wage equality and political empowerment.

Under the first parameter: health and survival, India was ranked 146th position amongst a total of 146 countries. According to UNFPA survey 2020, the estimated sex ratio (number of females per 1000 males) is reported to be 930. These numbers bear witness to the fact that even after government's diligent efforts in controlling female foeticide and infanticide, we still have a long way to go in attaining gender equality. As per the national family health survey, more than 60% of Indian girls suffer from anemia and malnutrition. The fight does not just end at survival when in fact survival is a major concern.

Second dimension reported about the gender disparity in education under which India was ranked 107th on the gender gap index. The index revealed a significant gap in literacy and enrollment rates of males and females in primary, secondary and tertiary education. There is a 17% gap in literacy rates of males and females in our country. Due to the advent of various government schemes like beti bachao beti padhao and sukanya samridhi yojana, India has performed extremely well in terms of primary school enrollment, but the case is not the same for secondary education. Women in India still face discrimination in terms of higher studies classes.

The third parameter discussed economic opportunities for women. India was ranked 122nd. The wage disparity in the entire working career of women also leads to disparity in long term wealth accumulation. One may think that this inequality exists in the operational sectors but the truth is that the wage gap increases with the increasing hierarchy of jobs. Where this gap is 11% in frontline operational workers, it becomes 31% in professional and technical jobs. The national family health survey report tells us that only 32% of married women between 15 to 49 are employed whereas in case of married men in the same age group employment rate is 98%.

The last parameter of gender gap index is political empowerment in which India was positioned at 48 among 146 countries. The request for 33.33% participation of women in parliament has been a long standing demand in our country whereas the actual participation is not even half of the same. In grassroot local body elections, despite the reservation policies for women, their role is eclipsed by the male family members. Unofficial designations such as 'sarpanch pati' and 'parshad pati' are still prevalent in the political culture of our towns and villages. Law has empowered women. When law has given them the rights, they should also get an opportunity. In a country which has experienced the valor of female rulers such as Rani Durgavati Ahilya Bai, Lakshmi bai and Indira Gandhi, it is only fair to keep our women at par with men in the political front as well.

The world bank also says, "If half of a country's population is engaged in unproductive and uneconomic activities then such a country will never be able to reach its full potential." If we want our economy to reach its full potential, we cannot do this by keeping the hands of our women tied. When we don't utilize almost half of our population we're also missing out on the other half of economic growth that could take place. Let's do our bit in filling this gap, let's take a look at the other half!



Educational Visit to National Stock Exchange for CA Students

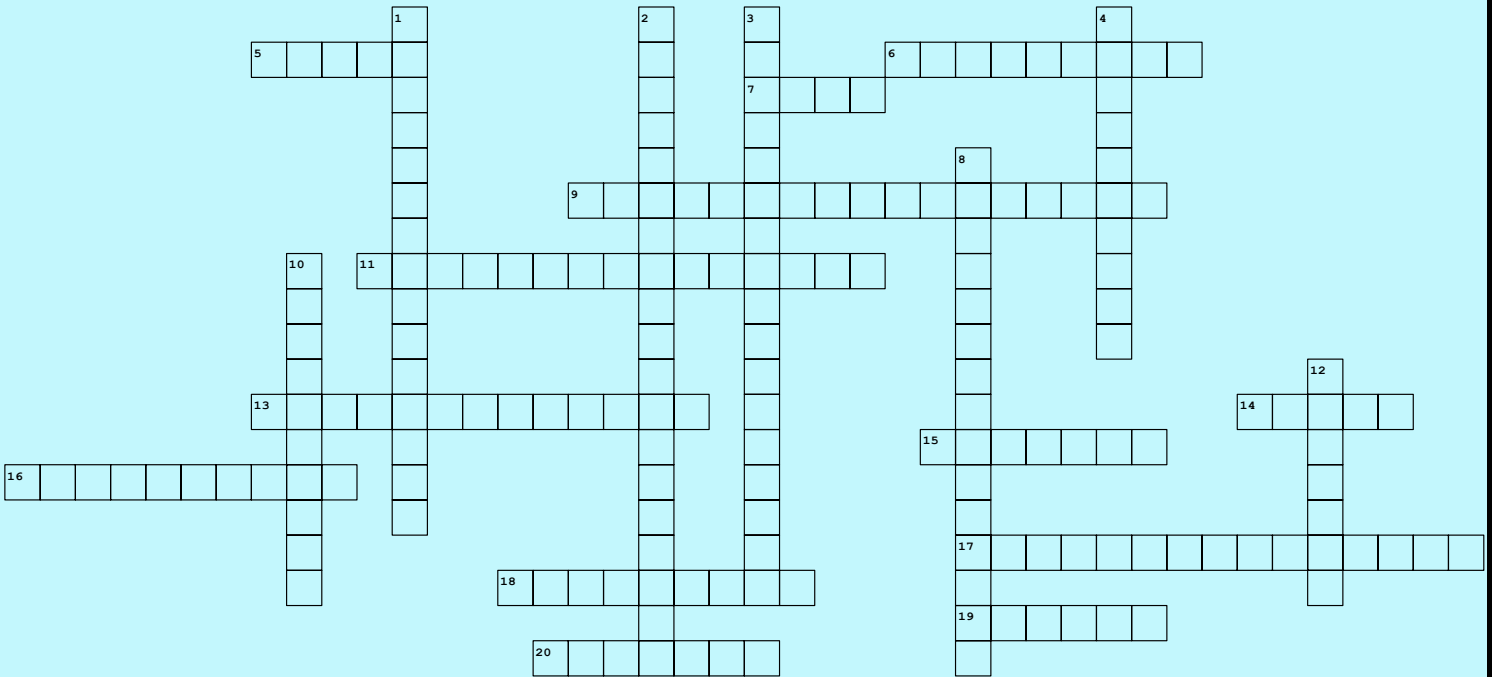


Education Visit to Rajgad Fort for CA Students



CSR Activity - Served Breakfast to the Varkaris

TAX



Across

5. Per state guidelines, we began withholding an additional 5% on state taxed as of January 1, 2010
6. This company of stock offers voluntary tax withholding
7. Check here to determine if the B Notice has been removed
9. Shareowners are able to request statements that are either for the _____
11. Is a return of some or all of your investment in the stock of the company
13. GEE1, CMC1, NW01, and a few other typically send out the dividend and tax from when the _____ dividend is sent
14. This tax form will reflect any cost basis information we may have
15. These can only be processed in the same calendar year
16. Per state guidelines, we began withholding an additional 7% on state taxed as of July 25, 2011
17. Any tax specific questions or reporting concerns should be brought to a _____
18. When a shareowner signs up for SONL for the first time, they are defaulted to _____ for everything except tax forms
19. A shareowner may revoke an election at any time by providing written notification
20. Domestic Shareowners may be able to _____ their account online

Down

1. This company of stock typically sends out the 1099DIV with the 4th Quarter Dividend
2. A transaction is reported in the year the corporate action occurred, and not in the year the shareowner complied with the corporate action
3. If the taxpayer calls the IRS to get a _____ the IRS will state that they do not provide them. In order to request, they must send a letter to the IRS to get it
4. When voluntary tax withholding is available, we are only able to withhold _____
8. When a company goes through a _____ it may or may not be a taxable event
10. In order to receive this form, the shareowner will need to request in writing along with a \$7.50 fee per
12. This tax form is used to record the dividend earned throughout _____ the _____ year