

University of Regina

Weekly II

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Cs-280

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1. Give an example of a prescriptive rule and a descriptive rule in some domain other than those discussed in class. For example: All cars have cup holders (descriptive)
All cars have turn signals (prescriptive)

Solution – All phones have camera's (descriptive). All phones are able to make a phone call (Prescriptive).

2. Identify one way in which you have made an incorrect decision or argument because of a cognitive bias that you hold

Solution – I bought a Razor Nabu digital wrist watch and it's not a very good purchase, the battery life is really bad and it's not very comfortable to wear but I still wear it as I spent almost 200\$ on it. Recently after buying the watch, I had an option to buy apple watch as it was on sale but it did not make a purchase because I already spent money on my previous watch and I regret this decision I made due to the cognitive bias I hold.

3. Identify one way in which a public figure has made an argument for a viewpoint *you agree with*, but used a logical fallacy to do so.

Solution - Caitlyn Jenner said in an Interview " Transgender people have 50% suicidal rates because they are bullied and are not accepted in society". I agree with this statement even when it's a **causality presumption** logical fallacy. The suicide among transgender people have no relationship with the person being bullied. The highest bullying rate in North America is against black people and they have suicide rates of 2% which is a lot lower then transgender people.

4. Find an example of a chart, graph, statistic or other data representation which is misleading in some way. Is it intentionally or accidentally misleading? How might you know?

Solution – In 2016, Michelle Obama stood up in support of women who were getting paid unequally to men. According to statistics, every woman earns 80 cents for every dollar a man earns. This raised a lot of questions all over the country and a day was dedicated to this moment as Equal Wage Day. Although, this statement is correct statistically but it has been molded to get political benefit out of this.

The report is as follows: Every woman earn 80 cents for every dollar man earns but this is calculated using median of their salaries. For example, let's consider a situation when 18 total people are living on an island called A. Out of this 18 people, 10 are men and 8 are women. Every person living on this island earns 1 million a year. If we look at the median then total money men earn is 10 million and total money women earn is 8 million so it can be said that the statement is true

that men make 20 cents more but in reality, everyone living on this island earns equal money. Politicians use these studies for their benefit in election and make promises which are already true.

5. Identify the closest match to your personality type on any personality scale (Eneagram, Meyers briggs, D&D alignment, or any other scale). Identify at least one way in which your behavior does not match the typical behavior for that type.

Solution – I match closely with ESTJ type of Meyers Briggs personalities, As I get excited to see people then being alone. I like to experience things rather than knowing about them. I strongly rely on thinking when making decision and find logic behind it. I always plan everything ahead and like to work with schedule so judging type also fits as well. The one way I do not fit the personality type of thinking is when I compliment my girlfriend, I reply with feeling rather than thinking about it because. otherwise she will break up with me.

References

1. <http://www.dailymail.co.uk/tvshowbiz/article-4514800/Caitlyn-Jenner-67-discusses-contemplating-suicide.html>
2. <https://www.forbes.com/sites/karinagness/2016/04/12/dont-buy-into-the-gender-pay-gap-myth/#6598f6672596>