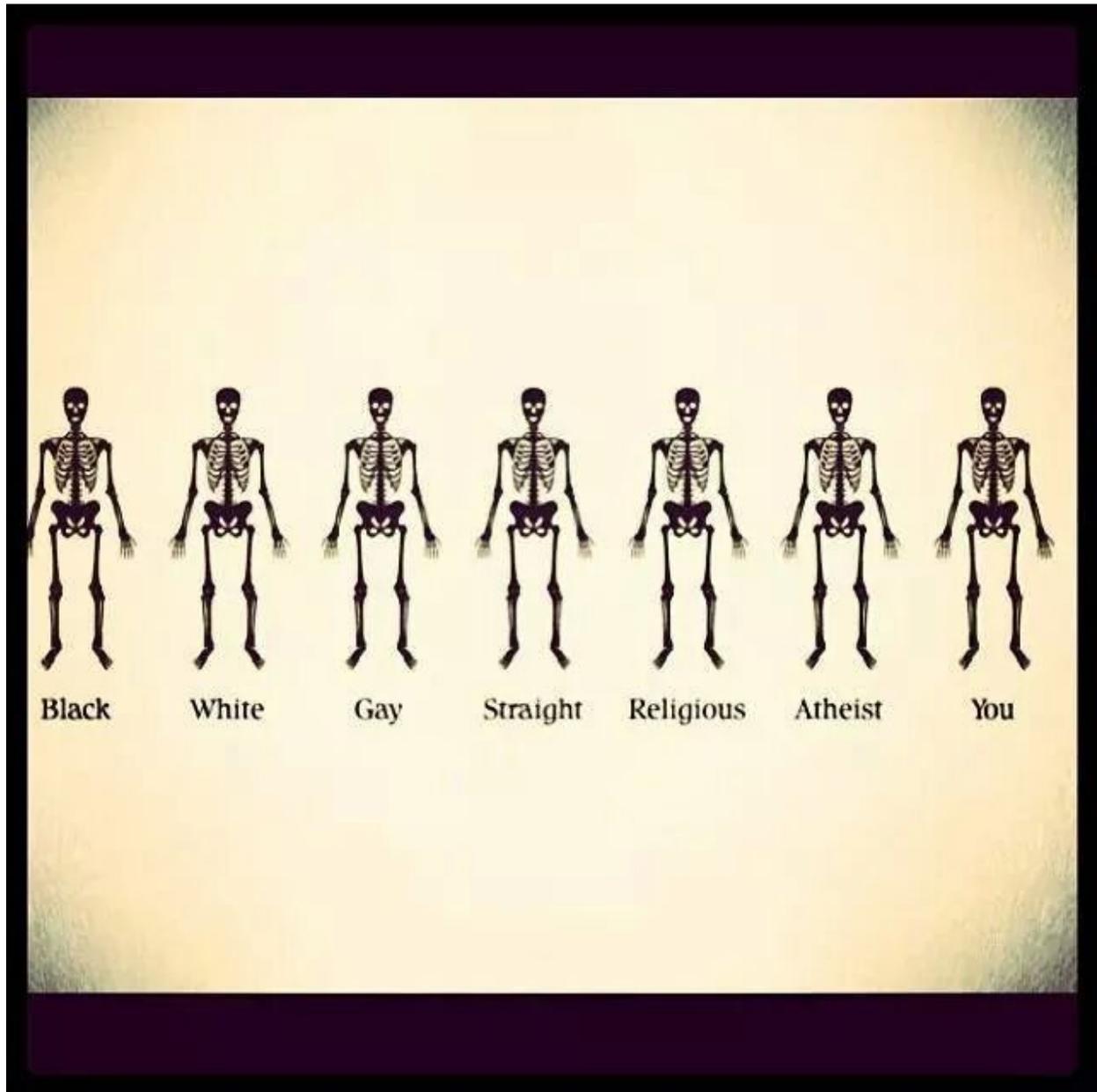


Important truths begin as outrageous, or at least uncomfortable, attacks upon the accepted wisdom of the time



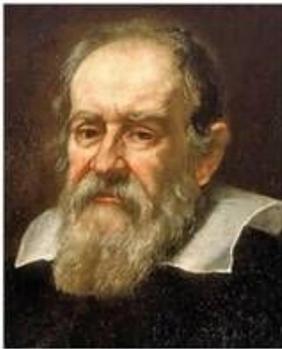
Sometimes, the truth is stranger than fiction. But, who decides what is true and what is false. What differentiates the right from the wrong. When we ponder over such questions, we need to address them objectively rather than subjectively, not including our own opinions of what needs to be done, or what would I have done in a situation or how do I perceive it. Truth is fact in its purest form. Truth is therefore, a combination of the scientific evidence, which is a result of unbiased experimentation backed by strong research, which is derived from data. And data of an experiment or findings is the driving force in drawing the appropriate conclusions. In the modern world, with the advancements in data analysis, Artificial Intelligence and prediction techniques, by many leading scientists, data is called the new 'oil'. Data is the true reflection of the truth, as it appropriately explains why things are the way they are. It is free from personal opinions, prejudices, diplomatic and political biases. We, as homo sapiens, have evolved as a species mainly due to progressions made technologically and socially.



To know, whether something is true or false, is just at the tip of our fingers and a click away. But what would have been the system of knowing the truth and getting to the crux of a catastrophe a few decades ago when getting your thoughts across a geographical distance was a herculean task. The time, when there was no television and having a telephone was a luxury and not a necessity. At that time, information was being propagated through verbal means, from one person to another. There was only a little written evidence to document the actual data. And even those that were documented were hard to get an access of. Hence the common people

believed what was brainwashed to them by the political leaders, the kings, the dictators and the rulers for their own selfish motives. These things happen today also, there is no denying that. But, decades ago, the rulers oppressed the people who didn't follow the doctrines put forth by them and gave them barbaric treatment. The truth for the people back then, became what these tyrannical oppressive rulers' ideology was, not questioning whether it was rational, logical and had some scientific evidence. Great artists Picasso, Michaelangelo, great scientists, thinkers and intellectuals were criticized at that time for their iconoclastic views which are widely accepted by the scientific community today. It was not before Columbus circumnavigated the Earth, that people believed that Earth was spherical. Everyone always said that Earth was just a flat piece of land and ended in Africa. Many astronomical ideologies like Earth is the center of the entire universe was a mere theoretical concept, which had no scientific evidence was widely accepted amongst masses. Galileo Galili faced severe criticism for his theory that the Sun is at the center of the universe and its the other planets including the Earth that revolve around the Sun. When we hammer something so frequently, that even if its false, since you are repeating it so frequently, you become convinced that this is the truth.

RESPONSES TO RELIGIOUS CRITICISMS OF HIS SCIENTIFIC STUDIES OF THE SOLAR SYSTEM



GALILEO GALILEI
POLYMATH
(B. 1564 - D. 1642)

It seems to me that it was well said by Madama Serenissima, and insisted on by your reverence, that the Holy Scripture cannot err, and that the decrees therein contained are absolutely true and inviolable. But I should have in your place added that, though Scripture cannot err, its expounders and interpreters are liable to err in many ways; and one error in particular would be most grave and most frequent, if we always stopped short at the literal signification of the words.

LETTER TO BENEDETTO CASTELLI (1613)

I do not feel obliged to believe that the same God who has endowed us with senses, reason, and intellect has intended us to forgo their use and by some other means to give us knowledge which we can attain by them.

LETTER TO GRAND DUCHESS CHRISTINA (1615)

This forms the basis of advertising and salesmanship. If you look at it, agencies have promoted products which are bad for your health so much that if you tell someone that this product is not good for you, then people would start to question you, and not the harmful chemicals that are present inside it. Objectively, Pepsi and Coke is just carbonated sugar water. Your body is meant to reject carbon and absorb oxygen. Everyone knows this. Yet, we are still consuming soft drinks over lime water

or buttermilk just because it is promoted by your favourite idols and celebrities, who themselves don't consume it. Many shampoos that you see, that claim to promote hair growth and make them shiny actually have compounds that are found in disinfectants and pesticides and even then, it has become so normal for us to use them. We don't accept the things as they are, we accept them the way we want them to. When Coronavirus was an epidemic in China, and had its epicenter in Wuhan, other European countries did not understand the depth of it and made good natured fun of it by claiming that it was just another flu and won't cause any mishaps and deaths like it did in China. They didn't understand the true potential of the virus and took things very lightly. Now the tables have turned, Wuhan has started the industries that were previously shut down and Europe has officially been declared by the WHO as the epicenter of this pandemic. It was uncomfortable for the Europeans to accept that, it was indeed a virus that could wipe off humanity. It's also very uncomfortable for people to accept that there is no God. There is no conclusive scientific evidence to show that. India is such an orthodox country, which is fuelled by religious sentiments of people, which is still prevailing in 2020. People need to accept the truth and stop the unwanted riots and fights in the name of religion or casteism. If people become more aware scientifically and start looking at things objectively then this world would be a much better place.

THE EFFECTS OF FAST FOOD ON THE BODY

Fast foods often contain too many calories and too little nutrition. If fast food is a regular component of your diet, you might find yourself struggling with weight problems and ill health.

