Report

MIS376

Knowledge Mapping

And

Data Visualization

Assoc. Prof. H. Kemal Ilter

Dereliction mask wearing and the effect of not wearing masks

Ahmed Elmaloul

16030441006 MIS

Firstly , based on the studies that I did ,I found out that face masks is the most effect way for people to protect themselves from getting the virus , despite that there are a lot of people whether they are not wearing the face masks correctly or they think it’s useless against the virus .At begging of covid.19, there was serious shortage of facemasks all around the world ,and there was only quite small portion of people that could obtain them ,but afterward despite the number of cases are getting rise for long time we see a lot of people don not wearing masks or wearing incorrectly which help spread the virus especially in crowded places. I choose to address this problem, and I wanted to know more about this this problem, Me personally feel bothered by this this situation like when I am outside on street or in supermarkets and see someone not wearing mask or wearing mask with their nose out or have his mask on wrist, that’s make this problem interesting for me .

I made researches on the why people refused to wear facemasks and the first theory suggests that humans lack the ability to accurately assess low-probability risks. The idea is that when faced with the possibility of contracting COVID-19, individuals tend to either under or overreact, either by dismissing it altogether or becoming overly fearful. Humans cannot accurately evaluate risk, specifically when it involves statistics and probabilities. Research shows that in times of uncertainty, people lean on their social circles or local leaders for guidance. In another research suggested the people who either do or don’t agree that everyone should be wearing a mask are not doing so because they hold some evil motives. They’re holding to values that we, on both sides of the issue, hold to be very dear. People who choose to go massless may be skeptical about the validity of science and believe scientists are always changing their minds.  At first, for example, they said masks would keep you from infecting others.  Now, they believe masks also afford protection to the wearer. After that I did researches on the effect of wearing the facemasks incorrectly which I learned that Masks operate by trapping little respiratory droplets which people exhale, thus so more of them the mask can catch, the better. For a secure fit, a mask must fully cover the nose and mouth and also be tight across the ears or skull. Wearing facemask or facial covering incorrectly, on the other hand, can cause more harm than benefit. As schools and businesses reopen, it's critical to know how to correctly wear their mask to protect yourself and others around us from COVID-19.Next I wanted to know how much the facemasks are effective against the virus, Scientists now think that masks provide protection to wearer as well. As a result, scientists have resorted to observation plus laboratory research. Additional evidence comes from some of the other infectious disorders. “Looking at any one paper, it isn't a slam dunk. However, when taken as a whole, I am confident that they are effective. Says Grabowski. My next was try to collected data to use for my visualizes from the articles that, it was not an easy process since the most are not relative with exact point that my topic explain.

Next, I was looking for the best platform to visualize my data, I tried many platforms, such as draw.io and many others, but then decided to stick with excel since it was the simplest one and easiest one to understand from my point of view.

My graphics were made in Excel by arranging data from studies about the masks impacts wearing of coronavirus relative with my own findings. I collected a series of 5 charts.in my first graph it was about How many people from various places say they leave the house wearing a mask in chart was contain twenty one of biggest countries ,the other 4 graphics were about characteristics of who wear a mask, the first one is sex and contain (female and male and missing) the second one is age(years) and it was the from the range 13-17,18-24,25-34,35-44,45-54,55-64,65+, missing, the third one race, white ,black, Hispanic, others, missing, the last one was health status from the excellent , very good, good ,fair ,poor, missing.