A STUDY ON USAGE OF INTERNET - BEFORE AND DURING COVID PANDEMIC IN TWIN CITIES

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ABSTRACT

The technology of the internet is rapidly increasing every day. Developments of modern and sophisticated technology on the internet is beneficial for users and also more useful in this pandemic situation. Most prior studies the usage of internet technology for learning purposes in contemporary educational settings in developing countries has largely dealt with its impact on academic performance, communication and general educational purposes. In this paper we conducted a survey from 438 respondents and analyzed the demographic factors (age, gender, occupation etc) using descriptive statistics, the effect of demographic factors on usage of internet, web page, the usage of internet pre and post covid-19 are analyzed by using chi-square test ,t-test through Python.

Keywords: *descriptive statistics, chi-square test, t-test, Internet, Python.*

1. INTRODUCTION

The Internet was first developed in the United States. The Internet was first introduced in October 1969 and it was called ARPANET (Advanced Research Projects Agency Network). In 1990 a British scientist named Tim Berners-Lee created the World Wide Web (WWW) at CERN Switzerland. The web contains websites including blogs and wikis .Internet is also known as NET .Internet is used to interconnect computer networks world widely .Internet is available for everyone. The Internet provides software and hardware infrastructures between computers. The Internet provides many advantages. The Internet has the ability to connect almost everyone from any place in the world, it is the biggest advantage of the internet.

The Internet has the capacity that allows us to connect with friends and families throughout the world. The Internet is also beneficial for the banking sector. The Internet can connect millions of devices and computers with each other. The modern advantage of the internet is that it has the ability for automation. The Internet creates a path in receiving and sharing information among users. The lives of common people have become easier with this internet. People can do their business transactions by using this internet. The Internet is also used to buy many products online, watch movies, research purposes, entertainment purposes ,playing online games and as well as group discussions . Nowadays the internet plays a key role in everyone's life especially in students' lives. We can also share our knowledge through the internet. The Internet is also

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useful for searching and applying for jobs. Some people are thinking that the internet is a very bad thing sometimes and they are thinking of blocking it. The Internet makes communication easy and sometimes it can be too dangerous. People can send the secret information and sometimes the information will be known to all by hacking or in another way. Some people will use the internet in a wrong way by spreading fake information. Each and every technology has two shades, they are the brighter one and the darker one. Likewise, the internet also has two shades. We can use the internet for good purposes as well as bad purposes. The good purpose is we can use the internet to study and to make their business popular. The bad purpose is to misuse the information and leakage of personal data etc. The Internet has made societies and the people close to each other. The Internet has brought many changes in our society. The changes that are made in this society by the internet will affect human life negatively as well as positively. In India there are approximately 560 million people who use the internet that made India to stand in the second place of largest online market in the world. By this internet the consumption of paper and use of paper works in schools, colleges, shops and railways has been reduced. The Internet works as an informer in such a way that we can get news and happenings from all over the world within seconds. The opinions of people on the internet differ from person to person. But the benefits that the internet provides cannot be ignored. The Internet changed the lifestyle of humans completely.

2. REVIEW OF LITERATURE

Chang, M. K., & Cheung, W (2001)[1]: They believed that the intention to use a technology is equally vital, not just for promoting the technology however conjointly for encouraging its voluntary continued use. To prove their hypothesis, Data was collected from 255 part-time master's degree students. The results show that factors that influences the intention to use the Internet/ WWW additionally as interrelationships between the factors.

Waiman Cheung, Man Kit Chang, Vincent S Lai (2000)[2]: This paper studies varied factors affecting Internet/WWW usage in operating environments. That they thought-about vital in explaining the use of the Internet /WWW, were omitted. The info was collected from 241 questionnaires. Facilitating conditions and social factors are confirmed because the 2 most vital factors touching Internet/WWW usage.

Janet Morahan-Martin, Phyllis Schumacher (2000)[3]: This study surveyed that 277 undergraduate internet users, Pathological use decided by responses to thirteen queries that assessed proof that internet use was causing tutorial, work or social issues, distress tolerance symptoms, and mood-altering use of the internet. More or less one-quarter of scholars (27.2%) reported no symptoms (NO) whereas 64.7% reported one to 3 symptoms (Limited Symptoms) and 8.1% reported four or a lot symptoms. Pathological users were a lot of seemingly to be males and to use on-line games additionally as technologically subtle sites, however there was no distinction in internet Relay chat use.

Özgür Erdur-Baker (2010)[4]: This study examined the relationships between cyber and ancient bullying experiences relating to gender variations. The participants were 276 adolescents (123 females, 151 males and 2 unknown) ranging in age from 14 to 18 years. The results disclosed that 32% of the scholars were victims of each cyber and ancient bullying, whereas 26% of the scholars afraid others in each cyber and physical environments. Compared to feminine students, male students were a lot seemingly to be bullies and victims in both physical and cyber-environments.

Robert Kittinger, Christopher J Correia, Jessica G Irons (2001)[5]: The present study assessed a variety of variables associated with Facebook use, and wanted to see however the employment of Facebook related to problematic internet use. Undergraduate participants (N=281, 72% women). The results of the present study recommended that a large minority of scholars expertise issues associated with internet use which the employment of Facebook