
Digital Skills and Research Methods

Module code: LCHS4002

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Research topic: The use of technology during the Covid-19 Pandemic

Introduction

The impact of Covid-19 on Businesses

Health care emerging technology

The need for healthcare workers increased

Loss of revenue

The impact of covid on business

The impact Covid-19 had on societies is concerning, and organisations understand the importance of human centred solutions to be implemented, such as :

- different managerial approaches
- appraisals
- feedback,
- support
- trust



Healthcare emergency technology

Assisted Technology is also a main improvement during the pandemic, and the main benefit of it is the time of production.

- The device can be built in an efficient timeframe and their distribution was vital for the health care system. A last technology that has seen a great success in the recent years are drones and robots.
- Robotic nurses have been used to provide basic care for patients that quarantined, and drones have been used in many health care institutions to deliver items or even walk dogs for people in need.

One phenomenon that cannot be ignored is the mental health of people during this period, but most of them have found comfort in technology, while being restricted from the outside world. These distractions could be gaming, social media, or The digitalization and technological implementations have affected job retention, as it has been predicted at the beginning of 2020. People have been replaced by apps, and many have found themselves redundant or dismissed

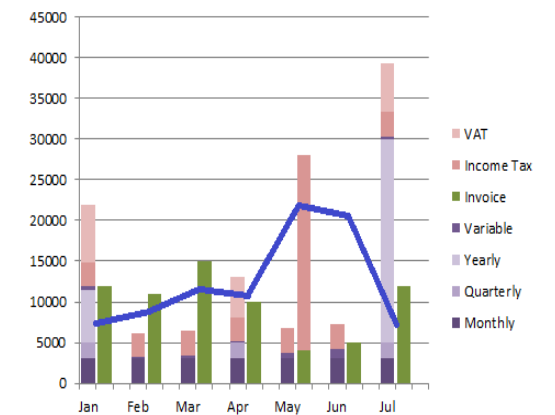


The need for healthcare workers increase

- Some of the implementations were very simple but helpful at the same time, while others were major pieces of work that required more time to be presented to the world.
- There has been an increase in digital apps and tracking devices, such as FitBit. A study conducted recently has shown that many patients feel more conscious about their health when wearing a mobile tracking device.
- Another implementation that has changed the market and is predicting future successes is 3D printing, which has helped supply chain to keep many of the businesses open during the pandemic. This emerging technology might be the needed tool in reproducing more important elements, such as human organs.

Loss of revenue

- During the last two years, almost all industries around the globe had to suffer great loss of revenue, staff, whole businesses and much more.
- While the population is going through a local pandemic, there is always work in process behind the scenes.
- The technological department has gone through massive challenges and changes, while continuing to develop and improve their services and goods



The importance of TECH Readiness

Digital Apps

Mobile Technology

3D Printing

Robotics and Drones

AT

Economic and Social Balance

Post Covid World

Human Centred Solutions

Improving Mental Health Methodologies

Job Loss

conclusion

The benefits of technology implemented in healthcare reflected on people's mental health

Many organisations adopted a remote or hybrid way of working to minimise external contacts

The few companies doing well during the global pandemic were well prepared for the crises

Having an emergency business plan in place can help with a smoother transition through difficult periods.

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