

Research Report

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Introduction

Within this report there will be a conduction of secondary research based on how technology is used in the modern Healthcare assistance spectrum as this is my current occupation.

Furthermore there will be a further explanation and analysis of the group presentation; specifically the topics of the use of contemporary technology in Healthcare.

There will be a specification on modern artificial intelligence used in healthcare workplace. There has been a lot of cases where artificial intelligence is revolutionizing within the Healthcare sector and more seen as useful within all practical performances and care.

Background

Artificial intelligence is the manufacture of computer systems that can perform tasks that require high quality human intelligence. For example, complex problem solving, considerable decision making, good recognition of objects etc. The compounds buildings like care homes, hospitals, GP surgeries, Day centers, Nurseries, Nursing homes, Rehabilitation etc. This is where treatment or diagnoses are taken. The use of artificial intelligence has brought great simplicity and accuracy to the work because it sheds a lot of time as there can be a lot of patients and ongoing issues that would have to be resolved. As Kerasidou said, "Artificial intelligence is increasingly being used in healthcare. This technology promises greater efficiency and more free time for healthcare professionals to focus on the human side of care, including fostering trust relationships and engaging with patients with empathy and compassion". Through this, the use of friendship and trust between the patient and attendant is important with the use of artificial intelligence as this can be rationale or untrustworthy as we are treating the human body through artificial technology, however the successful rates and the faith of the medic/attendant put the subject/patient in better psychological rest.

Aim and Objectives

To have the honor to illustrate this research report by being a student at University of Wales Trinity St David and studying my ideal course of Health and Social Care is a living dream. This is reason because of researching and hearing from students themselves that the university has good libraries and research methods which is as important as producing accurate and affectionate work.

The aim of incorporating the use of artificial intelligence in healthcare is to show its importance, uplifting results and accuracy for the patients and attendees of the Health and Social care industry. Finally, to present that artificial intelligence will bring revolutionary and newly improved methods in the future which would bring a long term effect.

Within my research I will be following step by step method to conclude and prove my aims and objectives of this research report. This is a list of my intended steps:

1. Find the meaning of artificial intelligence in the eyes of a Healthcare assistant.
2. Find where and how artificial intelligence is used, for example, care homes, private care homes etc.
3. Find its importance and purpose of artificial intelligence within the aspects above
 4. Provide secondary research of the topic.
 5. Resulting Concluding from a first-person perspective.

Care Homes & Nursing homes

As honorably take the role of a Healthcare Assistant for the last 2/3 years, and I have learnt a lot through my experience in care homes and nursing homes. Morally throughout, I have learnt to be patient, self-caring and considerate as this job can be very intense and complex. However, using correct training and knowledge the occupation can be seen as rewarding, inspirational and empathetic. With this, it takes the right articulation and training to use advanced artificial intelligence technology in these facilities as they can be complex to understanding unless there is experience or proper training in artificial intelligent technology.

In the UK the use of artificial intelligence is spreading slowly, and only certain care homes/nursing homes have the advantage of using this to monitor patients and having direct communications to other colleges in different departments. The use of smart home technology has become more relevant in the modern years. The most used technolgies devices used in care homes, hospitals, GP surgeries etc are thermostats nest and hive. These are either to keep the patients alive and show stats of the blood flow, oxygen flow etc.

As Campbell S, "Robotics, AL, 5G and machine learning technology are expected to play a large role in enhancing and transforming care homes in the future". This is to be seen as other than artificial intelligence, there will be other technologies that will bring a big impact in care home in the future of Health and Social care.

Conclusion

Throughout my research and evaluating all uses and importance, it can be seen as Artificial intelligence gives a lot of job opportunities within the modern Health and Social care industry.

With the right training and indulgent of the concept it can help those you are new to using technology but have a great knowledge of Health and Social care.

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