Impact of Artificial Intelligence towards democracy in modern society

E.A.V.A.L Amarasekara
(Reg. No: MS19813462)
M.Sc. in Information Systems

Supervisor : Dr. Anuradha Jayakody

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Faculty of Computing
Sri Lanka Institute of Information Technology

DECLARATION

The thesis entitled “Impact of Artificial Intelligence towards democracy in modern society” is conducted under the supervision of Dr. Anuradha Jayakody

I declare that the information provided in the thesis is a result of my own work, except where references have been mentioned. The work has not been previously been accepted in substance for any degree and is not being concurrently submitted in candidature for any degree.

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Supervisor’s Declaration Statement

Student Name – E A V A L Amarasekara

Supervisor’s Name – Dr. Anuradha Jayakody

I acknowledge that the above-named student has regularly attended the meeting, and actively engaged in the dissertation supervision process.

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Abstract

Artificial intelligence consciousness has gotten a ton of consideration lately, and it's relied upon to have a major effect on our networks later on, with both positive and negative ramifications for vote based system. In this paper, I take a gander at what Artificial intelligence brainpower can mean for common freedoms and majority rules system, assessing the outlining of difficulties, arrangements, and management work in three unique situations. I built up a hypothetical structure dependent on past investigations in this field to play out a near contextual analysis between the European Commission and two nations that are at the front line of understanding AI's difficulties, in particular Sweden and France. The discoveries show that while a few issues are perceived as basic, a few issues, like security, are focused on. As far as difficulties, arrangements, and guidelines, there are a few varieties between the three cases, however, their techniques are fairly comparable. Sweden's technique is to put resources into cultural change by empowering more AI exploration and collaboration, while additionally being steady of guidelines in specific zones. France takes a more management weighty position, suggesting some AI limitations in protection, fighting, and the work market. To make AI more accommodating, the European Commission is underlining responsibility in AI methodology. The shared factor is that the two of them overlook the issue of political race impedance and online right to speak freely, which is distinguished in the writing as one of AI's significant difficulties.

Keywords: Artificial intelligence, Democracy, Human rights, Regulation, Sweden, France, the European Commission

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List of Abbreviations

AI – Artificial Intelligence

AI HLEG – Artificial Intelligence High-Level Expert Group

AGI – Artificial General Intelligence/strong AI

AWS – Autonomous Weapon Systems

DL – Deep Learning

EU – European Union

GDPR – General Data Protection Regulation

HR – Human Rights

IEEE - Institute of Electrical and Electronics Engineers

ML – Machine Learning

MP – Member of Parliament

R&D – Research and Development

RQ – Research Question

SDG – Sustainable Development Goals

UN – United Nations