


Mühendislik Perspektifinden İnsan ve Yapay Zekâ İşbirliğinin Toplumsal Boyutu

The Social Dimension of the Human and Artificial Intelligence Collaboration from the Perspective of Engineering

Serkan GÜZEL**

 0000-0002-2918-0194

MAKALE BİLGİSİ

Submitted: 25. 05. 2023
Revision Requested: 26. 06. 2023
Final Revision Received: 12. 07. 2023
Accepted: 28. 07. 2023
Published Online: 15. 08. 2023

Keywords:

Digital society
Artificial intelligence
Sociology
Society
Power

ABSTRACT

The digital society, which has become widespread with the Covid-19 process, has made artificial intelligence, which was more in the background before, remarkably visible and brought to the fore. To determine how artificial intelligence can be understood and what kind of quantitative and qualitative differences it can cause in people's daily lives, data collection has been made by applying in-depth interview techniques to get the opinions and evaluations of engineers working on artificial intelligence in our country. One of the most important findings obtained from this research is that the components of the supermaterial world, such as humans, machines, systems, and learning, are prioritized and more important than the components of the material world that make artificial intelligence artificial intelligence, such as computers, software, data, decision, and optimization. Another finding is that artificial intelligence is becoming as competent as humans as they gain human-like characteristics in artificial intelligence. When these two findings, which draw attention to the harmonious cooperation of humans and artificial intelligence, are evaluated together, the social power of the human, which is the product of the combination of knowledge, mind, and technology with its superior abilities, and Michel Foucault's biopower theory is synthesized. A sociological perspective is also brought to the study.

*1Yazar İletişim/ Corresponding Author: Serkan Güzel (Prof. Dr.), Pamukkale Üniversitesi, İnsan ve Toplum Bilimleri Fakültesi, Sosyoloji Bölümü, Denizli, Türkiye ✉sguzel@pau.edu.tr

Kaynak Gösterimi/ Citing This Article: Güzel, S. (2023). Mühendislik perspektifinden insan ve yapay zekâ işbirliğinin toplumsal boyutu. *Sosyolojik Bağlam Dergisi*, 4(2), 134-148. doi:10.52108/2757-5942.4.2.3