

NI VSE V PODATKIH

VLADISLAV RAJKOVIČ

Fakulteta za organizacijske vede, Univerza v Mariboru, Kidričeva 55A, Kranj, Slovenija
vladislav.rajkovic@gmail.com

Povzetek Razvoj umetne inteligence, naraščajoča moč računalnikov in velike količine podatkov so pomembno vplivali na možnosti za večjo dodano vrednost podatkov. Statističnim metodam obdelave podatkov so se pridružile metode strojnega učenja in metode vizualizacije podatkov na različnih področjih. Poleg številskih podatkov so še druge oblike, kot so besedilo, slika, zvok, ... Do pred kratkim je prevladovala podatkovna analitika, ki je omogočala odkrivanje povezav in zakonitosti v podatkih. V letu 2022 pa nas je presenetila generativna uporaba velikih količin besedilnih, slikovnih in glasbenih podatkov. Sistemi kot so npr.: GPT, DALL-E, RIFFUSION in drugi, omogočajo, da na naše besedilne zahteve odgovarjajo s svojimi sestavki, slikami ali glasbo. Vsebine, ki se skrivajo v podatkih so z razpoložljivimi metodami človeku postale dostopne na nove načine. Navkljub vsemu, se moramo zavedati, da dodano vrednost rezultatov, ki jih dobimo iz podatkov, ocenjujemo z našimi spoznanji in presojami. Delamo stvari, ki jih do sedaj nismo. Pri tem lahko ugotovimo, da sami podatki niso dovolj. Kaj jim torej manjka? Podatkom je potrebno dodati »človeško« stran. To je miselna interpretacija, da pridemo do znanja, razumevanja in kreativnih rešitev. Na sodobno »strojno« obdelavo podatkov bomo pogledali tudi v ambivalentni luči, to je v luči dilem in nekaterih zdrsov.

Ključne besede:

podatki,
obsežni
podatki,
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inteligenca,
strojno
učenje,
podatkovna
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IT'S NOT ALL ABOUT THE DATA

VLADISLAV RAJKOVIČ

Faculty of Organizational Sciences, University of Maribor, Kidričeva 55A, Kranj,
Slovenia
vladislav.rajkovic@gmail.com

Abstract The development of artificial intelligence, the growing power of computers and large amounts of data have had a significant impact on the possibilities for increasing the added value of data. Statistical data processing methods have been joined by machine learning methods and data visualization methods in various fields. In addition to numerical data, there are other forms, such as text, image, sound, etc. Until recently, data analytics dominated, which enabled the discovery of connections in data. In 2022, however, we were surprised by the generative use of large amounts of text, image and music data. Systems such as: GPT, DALL-E, RIFFUSION and others allow us to respond to our text requests with their compositions, images or music. With the available methods, the contents hidden in the data have become accessible to people in new ways. Despite everything, we must be aware that we evaluate the added value of the results obtained from the data with our knowledge and judgments. We are doing things we have never done before. Here we can find out that the data alone is not enough. So, what are they missing? It is necessary to add a "human" side to the data. It is mental interpretation to achieve knowledge, understanding and creative solutions. We will also look at modern "machine" data processing in an ambivalent light, i.e., in the light of dilemmas and some slips.

Keywords:

data,
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systems