

JEZIKOVNI MODELI V POSLOVNI ANALITIKI – REŠITEV S POLICE

Špela Ognjanovič¹, Tomaž Dular¹, Neža Dimec¹, Kristina Kit¹

¹ B2BI d.o.o., Tržaška 42, 1000 Ljubljana

spela.ognjanovic@b2-bi.com, tomaz.dular@b2-bi.com, neza.dimec@b2-bi.com, kristina.kit@b2-bi.com

Popularnost umetne inteligence se je s prihodom velikih jezikovnih modelov zelo povečala. Integracija teh na področje poslovne inteligence pa zaradi številnih ovir ni nujno najpreprostejša. Raziskali smo nekaj načinov, kako velike jezikovne modele implementirati v poslovni svet in jih uporabiti pri pripravi celotnih poročil in njihovih gradnikov. Jezikovni model smo vpeljali v različno razvite podatkovne modele v dveh jezikovnih različicah. Primerjali smo, kako odgovarja na vsebinska vprašanja v slovenskem in angleškem jeziku. S postopnim razvojem in dopolnjevanjem podatkovnega modela smo raziskali, kako je mogoče dvigniti uporabnost odgovorov modela.

Ključne besede: Poslovna inteligenca, umetna inteligenca, veliki jezikovni modeli, podatkovna analiza

LARGE LANGUAGE MODELS IN BUSINESS INTELLIGENCE – OFF-THE-SHELF SOLUTION

The popularity of artificial intelligence has further increased with the arrival of Large Language Models (LLMs). Nevertheless, their integration into the field of business intelligence is not necessarily straightforward. We explored how to implement LLMs in the business world and use them to build reports and their components. We introduced an LLM to models of varying complexities in two languages. We compared how the model answered contextual questions in Slovenian and English. By gradually developing and improving the data model, we investigated how the functionality of the answers given by the model can be increased.

Keywords: Business Intelligence, Artificial Intelligence, Large Language Models, Data Analysis