Abstract

The diploma thesis entitled *AI & fact-check journalism – the pitfalls of the search for truth by artificial intelligence* examines the connections between contemporary journalism, fact-checking, and artificial intelligence tools in the post-truth era. It describes the relationships between objectivity and interpretation and explores the problem of dichotomy between fact and value. The theoretical discussion is then translated into a practical issue using the journalistic discipline of fact-checking. Artificial intelligence tools and their potential for journalism are introduced. The practical part of the thesis focuses on experiments with an AI tool that automates fact-checking. The tool is tested using four alternative knowledge bases represented by Czech media datasets. All models show the expected response to ontologically truthful and false claims, confirming truths and debunking lies. Subsequently, the true opinions of the models about social reality are tested. The results demonstrate that the models adopt the opinions published in the datasets. However, it was not possible to trace systematic model opinions towards polarization in thematic areas from the results. The thesis includes suggestions for future changes in experiments. In the conclusion, the results are linked with both practical and theoretical concepts. The outcomes demonstrate the impracticality of the positivist approach, suggesting instead a pragmatic view of objectivity and an acknowledged approximation to truth through value implementation.