Editorial

We now release the second issue of the eleventh volume of the Journal of E-Technology with the below listed papers. In the first paper on "**Visualization-based machine learning model for rela-tional databases**" the authors *Dihia Lanasri, Carlos Ordonez, Ladjel Bellatreche* and *Selma Khouri* proposed a tool "ER4ML" assisting data scientists in modeling and visualizing the transformations applied to the relational database before obtaining a dataset feeding the ML models. The proposed ER4ML model tracks data provenance, improving query and data set reuse.

In the next paper on "**A Pre-trained BERT model for Arabic author profiling**", the authors *Chiyu Zhang* and *Muhammad Abdul-Mageed* presented models for detecting age, language variety, and gender from social media data in the context of the Arabic author profiling and deception detection shared task (APDA). In the experimentation the authors have achquired a good accuracy for age, more than 90% for dialect, more than 80% for gender, and a medium score for joint accuracy across the three tasks.

In the next paper on "Author Profiling in Arabic Tweets: An Approach based on Multi-Classification with Word and Character Features" the authors *Yutong Sun, Hui Ning, Kaisheng Chen, Leilei Kong, Yunpeng Yang, Jiexi Wang* and *Haoliang Qi* focused on the author profiling task published in the FIRE 2019 (Forum for Information Retrieval Evaluation), which includes automatic identification of the age, gender, and language variety of Arabic tweets. In the experimentation process, the authors have found that the combination of word and character features can improve the prediction accuracy and enhance the system performance significantly.

In the last paper on "An Ensemble Learning-based Model for Classification of Insincere Question" the authors *Zhongyuan Jiaming Gao, Huilin Sun Ruifeng Liu, Chengzhe Huang, Leilei Kong* and *Haoliang Qi* described the method for the Classification of Insincere Question(CIQ) in. The result show that the authors' classification classification achieved the 67.32% accuracy rate(rank top 1) on the test dataset.

In the last paper on "**An Enhanced Ensemble Classifier for Hate and Offensive Content Identification**" the authors *Rajalakshmi* and *Yashwant Reddy* proposed an enhanced ensemble classifier approach is proposed to identify hate and offensive content posted in Hindi or German languages. From the various experiments conducted on the released HASOC dataset the authors have reported higher accuracy.

We will more research in the next issue.

Editors

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