

PLAGIARISM SCAN REPORT

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Date

December 22, 2021

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1036

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7

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Shipeng Wang, Lizhen Cui, Lei Liu, Xudong Lu, and Qingzhong Li, "Personality Traits Prediction Based on Users' Digital Footprints in Social Networks Using Attention RNN." [4]: Individuals' digital footprints on internet service platforms are becoming increasingly large as social networks gain popularity. As a result, an emerging technique known as personality characteristic analysis has garnered a lot of interest. The prediction and analysis of personality traits is an effective method for voting prediction, review analysis, decision analysis, and marketing. Existing research mainly employ categorization models while ignoring the temporal aspect of digital footprints, which may result in disappointing findings. To improve, this research proposes an effective technique for predicting personality traits that takes temporal aspects into account using an Attention Recurrent Neural Network (At tRNN). The experimental findings based on a dataset of 19000 Facebook volunteers demonstrate that the suggested strategy is effective.