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Prediction analysis of the happiness ranking of countries based on macro level factors (2022) *IAES International Journal of Artificial Intelligence*, 11 (2), pp. 666-678.

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Abstract

Happiness is an essential universal human goal in their life that can improve the quality of life. Since the introduction of positive psychology, the primary consideration has been pointed out to the study of the role from certain factors in predicting the happiness, especially the advancement of technology that allows computer-mediated to be part of human interaction. It provides a multidimensional approach and indirect influence to the human expression and communication. The project investigates what it takes to build a happy country by analysing on the relationship between the happiness ranking of countries and their macro level factors. The World Happiness Report 2019 is used coupled with Python programming for visualizing and extracting information from the dataset to better understand the bigger picture. © 2022, Institute of Advanced Engineering and Science. All rights reserved.

Author Keywords

Happiness; Machine learning; Macro level factor; Prediction analysis

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