

CAPSTONE PROJECT

WORLD HAPPINESS REPORT

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PROBLEM STATEMENT

- ✘ **The World Happiness Report aims to assess subjective well-being worldwide, examining factors like income, social support, freedom, and more. A problem statement for it might be: "To understand and address the complex interplay of socio-economic, environmental, and psychological factors influencing global happiness levels, thus promoting policies and practices that enhance overall well-being."**

PROPOSED SOLUTION

To address this challenge, we propose the development of an enhanced World Happiness Report system that integrates advanced data analytics, machine learning algorithms, and real-time sentiment analysis techniques. This system will provide a more nuanced and accurate assessment of happiness levels worldwide, enabling policymakers and stakeholders to make informed decisions and interventions

SYSTEM APPROACH

The system development will follow an iterative approach, starting with requirements gathering and analysis, followed by design, implementation, testing, and deployment phases. Continuous feedback loops will ensure adaptability and responsiveness to evolving needs and technological advancements.

ALGORITHM & DEPLOYMENT

The system will employ various algorithms for data analysis, including regression analysis, clustering algorithms, and natural language processing for sentiment analysis. Deployment will involve cloud-based infrastructure to ensure scalability, reliability, and accessibility.

RESULT

Upon implementation, the system will generate comprehensive reports and visualizations, providing insights into global happiness trends, regional disparities, and influential factors. These insights will facilitate evidence-based policy-making and targeted interventions to improve overall well-being.

CONCLUSION

The proposed enhanced World Happiness Report system offers a promising approach to address existing limitations and enhance the accuracy and relevance of happiness assessments worldwide. By leveraging advanced analytics and technology, it empowers stakeholders to foster positive societal outcomes and enhance quality of life on a global scale.

FUTURE SCOPE

Future enhancements may include the integration of additional data sources, such as social media analytics and wearable device data, to capture a more holistic view of well-being. Moreover, ongoing refinement of algorithms and methodologies will ensure the continued relevance and effectiveness of the system in the face of evolving societal dynamics and technological advancements.

REFERENCES

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- [2] Diener, E., & Seligman, M. E. (2004). Beyond money: Toward an economy of well-being. Psychological science in the public interest, 5(1), 1-31.**
- [3] Kahneman, D., & Krueger, A. B. (2006). Developments in the measurement of subjective well-being. Journal of economic perspectives, 20(1), 3-24.**



THANK YOU