



ARTIFICIAL INTELLIGENCE EVERYDAY QUOTES

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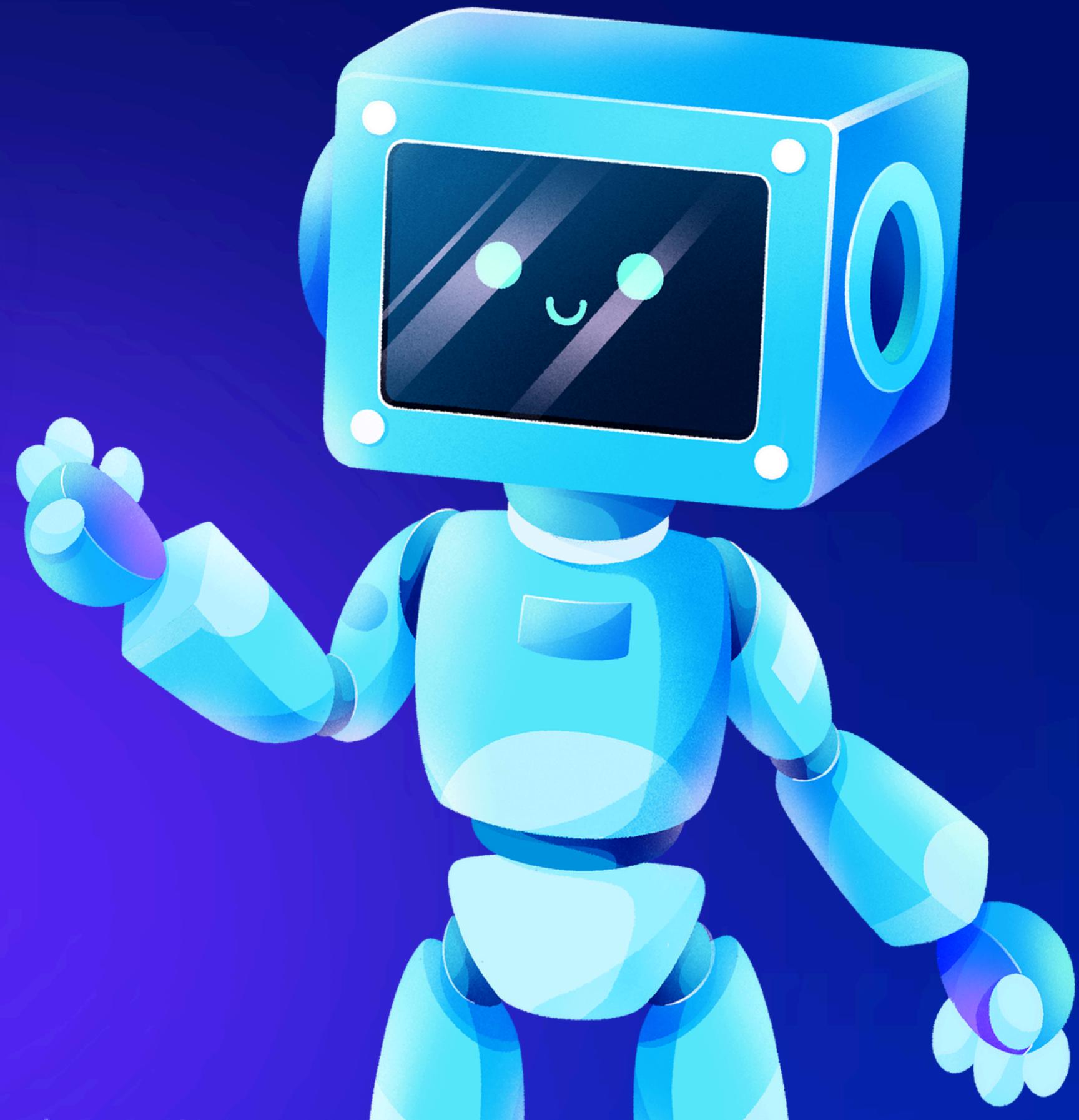
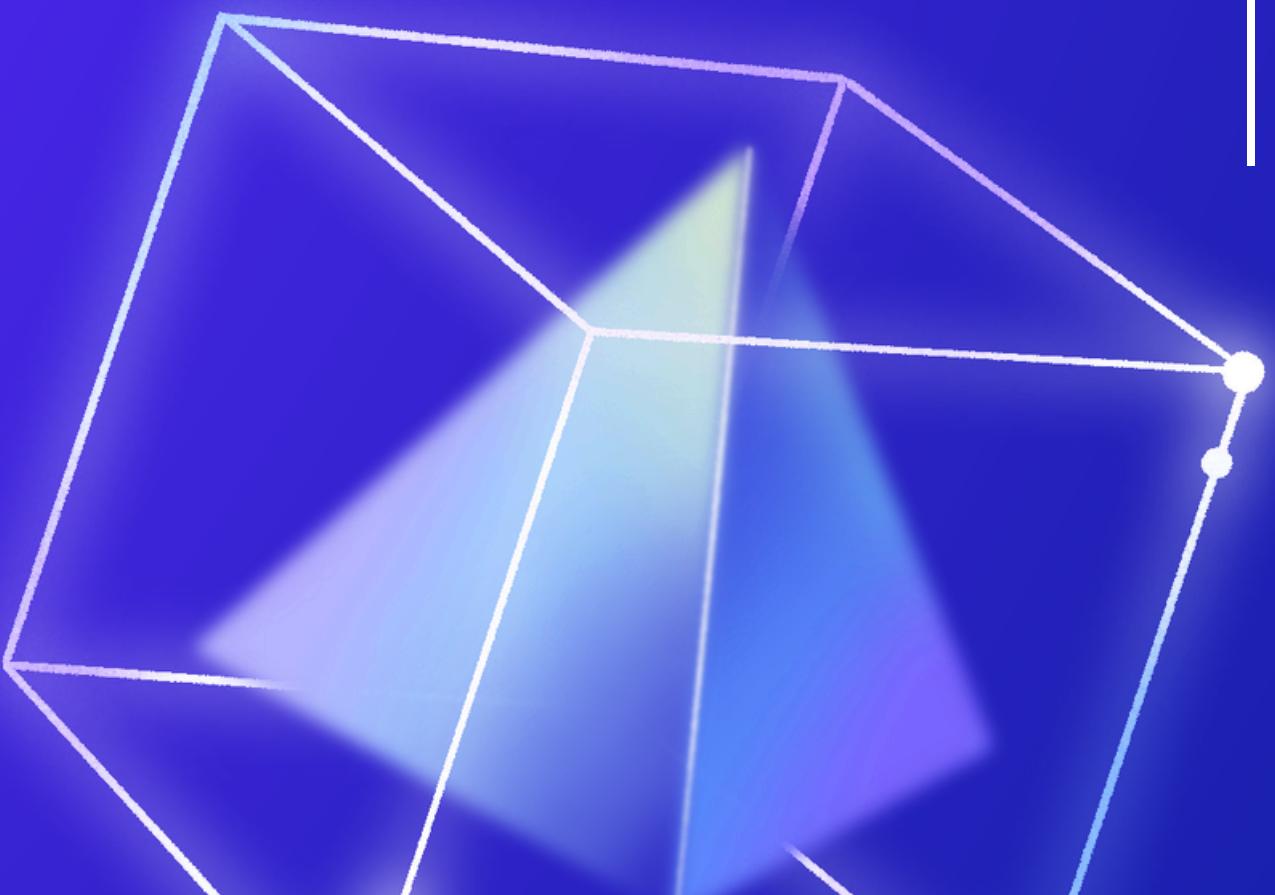




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INTRODUCTION

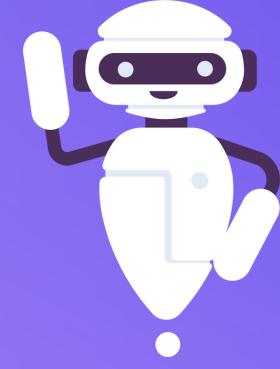
THIS PROJECT AIMS TO PROVIDE DAILY MOTIVATION BY USING DATA SCIENCE TECHNIQUES TO CURATE AND DELIVER INSPIRATIONAL QUOTES. BY EXTRACTING QUOTES FROM DIVERSE SOURCES SUCH AS HISTORICAL FIGURES, LITERATURE, AND PROMINENT PERSONALITIES, WE SEEK TO OFFER ENCOURAGEMENT AND EMPOWERMENT TO INDIVIDUALS FACING DAILY CHALLENGES AND RESPONSIBILITIES.



Artificial Intelligence

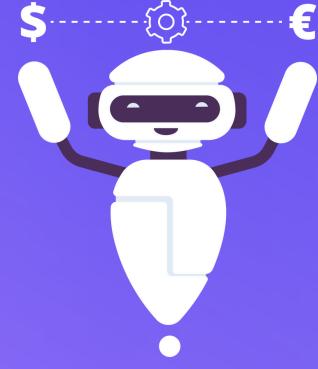
In our fast-paced world, people face numerous daily challenges and responsibilities. To provide consistent motivation, we propose a data science project that curates and delivers carefully selected quotes from diverse sources, including historical figures and popular literature. These quotes will offer encouragement, reflection, and empowerment to individuals.

PROJECT OBJECTIVES



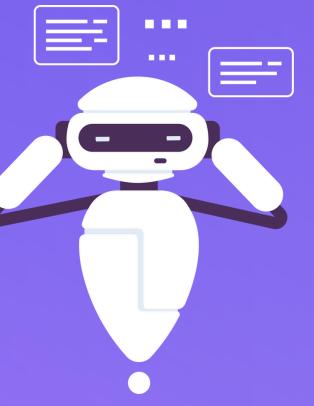
CURATE INSPIRATIONAL QUOTES:

Gather a diverse collection of quotes from the Good Reads website, which boasts an extensive compilation of quotes spanning various genres and themes.



DAILY MOTIVATIONAL UPDATES:

Develop a system to provide users with daily updates featuring a thoughtfully chosen quote. These updates will cater to different areas of life, ensuring a comprehensive and relatable experience.



TAG-BASED GROUPING:

Implement a categorization mechanism that tags each quote based on its thematic content. This grouping will enable users to easily identify quotes that resonate with their specific preferences or

PROJECT SCOPE



BUSINESS UNDERSTANDING

- Defined the project's purpose and goals, focusing on delivering daily motivational quotes to address users' needs for inspiration and encouragement.
- Identified the target audience and their motivational requirements, emphasizing the importance of quotes in navigating daily challenges.

DATA UNDERSTANDING

Sourced quotes from the Good Reads website and analyzed their structure, including metadata such as authors, publication dates, and associated tags.

DATA PREPARATION

- Cleansed and preprocessed the quote data, removing irrelevant or duplicate entries.
- Developed a tagging system to categorize quotes based on thematic content, facilitating later grouping.

MODELING

- Implemented algorithms to select and present daily quotes, considering factors like user preferences and thematic variety.
- Developed and optimized the tagging mechanism to accurately categorize quotes based on content.



EVALUATION

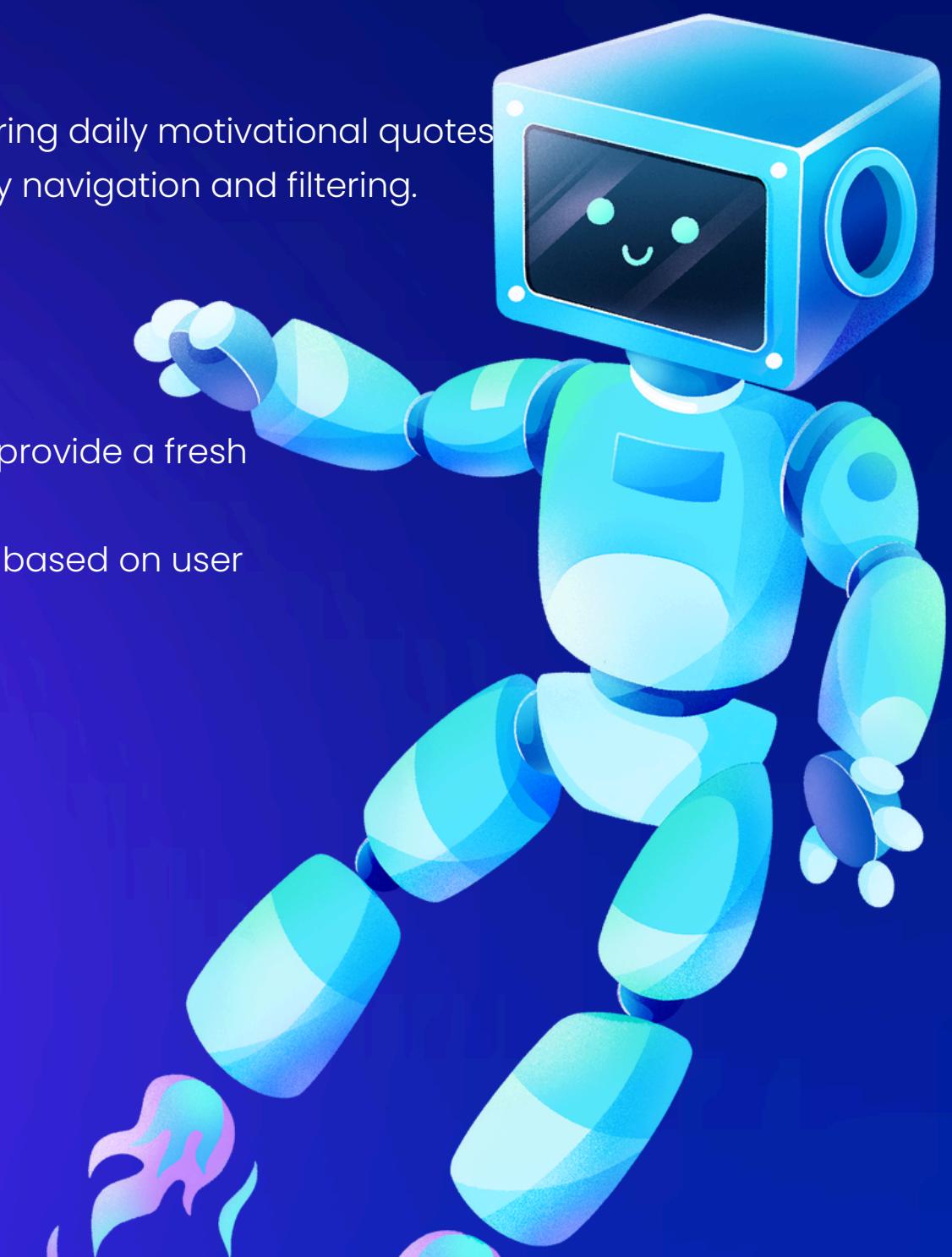
- Assessed user engagement and satisfaction with the daily motivational updates, gathering feedback to improve the platform.
- Evaluated the effectiveness of the tagging system in aiding users' identification of relevant quotes.

DEPLOYMENT

- Created a user-friendly interface for delivering daily motivational quotes and integrated the tagging system for easy navigation and filtering.

MAINTENANCE

- Continuously updated the quote database to provide a fresh user experience.
- Gathered feedback and made improvements based on user interactions and preferences.





CONCLUSION

- Successfully curated 3000 quotes from various experts and authors.
- Developed a web app for searching and recommending quotes.
- Created tags for positive, neutral, and negative sentiments.
- Challenges:
 - Needed more quotes for accurate recommendations.
 - Required better feature engineering and higher computational power.
- Optimizations:
 - Refined algorithms for better quote relevance.
 - Improved tagging system for enhanced user experience.



RECOMMENDATIONS

- Quote Expansion:
 - Increase the total number of quotes to at least 10,000.
 - Add user login functionality and favorite quote storage.
 - Enable sharing of quotes to other platforms.
- Feedback Integration:
 - Gather user feedback through surveys and interactions.
 - Use feedback to prioritize features and enhance user experience.

01

RECOMMENDATIONS

- Scalability Planning:
 - Design systems for larger user volumes and data.
 - Optimize database performance and use cloud infrastructure.
- Community Building:
 - Engage users through social media and collaborative initiatives.
 - Encourage users to share experiences and insights.
- Continuous Improvement:
 - Iterate based on user feedback and emerging trends.
 - Stay agile to keep the platform relevant and impactful.

02

RESOURCE PAGE

Github Repo: https://github.com/lmacharia/Everyday_Quotes

**Github production
Repo:** https://github.com/l-macharia/Everyday_Quotes_Prod



<https://everyday-quotes-app.streamlit.app/>
<https://youtu.be/Zh7SFosUAwo>



THANK YOU!

