

Ranking Environment, Social And Governance Related Concepts And Assessing Sustainability Aspect Of Financial Texts

Sohom Ghosh^{1,2} and Sudip Kumar Naskar²

¹Fidelity Investments, Bengaluru, India

²Jadavpur University, Kolkata, India

[sohom1ghosh, sudip.naskar@gmail.com]

Abstract

Understanding Environmental, Social, and Governance (ESG) factors related to financial products has become extremely important for investors. However, manually screening through the corporate policies and reports to understand their sustainability aspect is extremely tedious. In this paper, we propose solutions to two such problems which were released as shared tasks of the FinNLP workshop of the ICAI-2022 conference. Firstly, we train a Sentence Transformers based model which automatically ranks ESG related concepts for a given unknown term. Secondly, we fine-tune a RoBERTa model to classify financial texts as sustainable or not. Out of 26 registered teams, our team ranked 4th in sub-task 1 and 3rd in sub-task 2. The source code can be accessed from https://github.com/sohomghosh/FinSim4_ESG.

1 Introduction

These days a lot of investors have become socially responsible and environmentally conscious¹. They tend to choose stocks and funds which do not harm the environment². Keeping this in mind, organizations are also putting in efforts to increase their Environmental, Social, and Governance (ESG) ratings. They tend to publish reports mentioning the ESG aspect of their policies. However, reading through

the shared task and ranked 4th and 3rd in sub-tasks 1 and 2 respectively. In this paper, we describe our solutions.

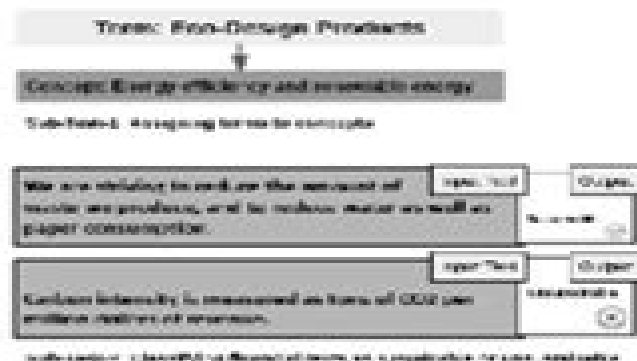


Figure 1: FinSim-4 ESG Sub-Tasks

2 Related Works

The sub-task of mapping terms with high level concepts is similar to hypernym detection. For the Natural Language Processing (NLP) community, Hypernym detection has been an active area of research. Several SemEval tasks ((Bordea et al., 2015), (Bordea et al., 2016), (Augenstein et al., 2017), (Camacho-Collados et al., 2018)) were organized on this topic. Subsequently, three editions of FinSim (Chakrabarti et al., 2020a, Chakrabarti et al., 2020b, Chakrabarti et al., 2020c) were organized.

Social Environment Anthology

Jiyuan Zhang



Social Environment Anthology:

This book delves into Social Environment Anthology. Social Environment Anthology is a vital topic that must be grasped by everyone, ranging from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into Social Environment Anthology, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:
 - Chapter 1: Introduction to Social Environment Anthology
 - Chapter 2: Essential Elements of Social Environment Anthology
 - Chapter 3: Social Environment Anthology in Everyday Life
 - Chapter 4: Social Environment Anthology in Specific Contexts
 - Chapter 5: Conclusion
2. In chapter 1, this book will provide an overview of Social Environment Anthology. This chapter will explore what Social Environment Anthology is, why Social Environment Anthology is vital, and how to effectively learn about Social Environment Anthology.
3. In chapter 2, this book will delve into the foundational concepts of Social Environment Anthology. This chapter will elucidate the essential principles that must be understood to grasp Social Environment Anthology in its entirety.
4. In chapter 3, the author will examine the practical applications of Social Environment Anthology in daily life. The third chapter will showcase real-world examples of how Social Environment Anthology can be effectively utilized in everyday scenarios.
5. In chapter 4, this book will scrutinize the relevance of Social Environment Anthology in specific contexts. This chapter will explore how Social Environment Anthology is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, this book will draw a conclusion about Social Environment Anthology. The final chapter will summarize the key points that have been discussed throughout the book.

This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Social Environment Anthology.

<https://archive.kdd.org/book/virtual-library/index.jsp/the%20memory%20theater%20burned.pdf>

Table of Contents Social Environment Anthology

1. Understanding the eBook Social Environment Anthology
 - The Rise of Digital Reading Social Environment Anthology
 - Advantages of eBooks Over Traditional Books
2. Identifying Social Environment Anthology
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Social Environment Anthology
 - User-Friendly Interface
4. Exploring eBook Recommendations from Social Environment Anthology
 - Personalized Recommendations
 - Social Environment Anthology User Reviews and Ratings
 - Social Environment Anthology and Bestseller Lists
5. Accessing Social Environment Anthology Free and Paid eBooks
 - Social Environment Anthology Public Domain eBooks
 - Social Environment Anthology eBook Subscription Services
 - Social Environment Anthology Budget-Friendly Options
6. Navigating Social Environment Anthology eBook Formats
 - ePub, PDF, MOBI, and More
 - Social Environment Anthology Compatibility with Devices
 - Social Environment Anthology Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Social Environment Anthology
 - Highlighting and Note-Taking Social Environment Anthology
 - Interactive Elements Social Environment Anthology
8. Staying Engaged with Social Environment Anthology

- Joining Online Reading Communities
- Participating in Virtual Book Clubs
- Following Authors and Publishers Social Environment Anthology
- 9. Balancing eBooks and Physical Books Social Environment Anthology
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Social Environment Anthology
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Social Environment Anthology
 - Setting Reading Goals Social Environment Anthology
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Social Environment Anthology
 - Fact-Checking eBook Content of Social Environment Anthology
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Social Environment Anthology Introduction

In today's digital age, the availability of Social Environment Anthology books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Social Environment Anthology books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Social Environment Anthology books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to

purchase several of them for educational or professional purposes. By accessing Social Environment Anthology versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Social Environment Anthology books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether you're a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Social Environment Anthology books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Social Environment Anthology books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Social Environment Anthology books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Social Environment Anthology books and manuals for download and embark on your journey of knowledge?

FAQs About Social Environment Anthology Books

1. Where can I buy Social Environment Anthology books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Social Environment Anthology book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Social Environment Anthology books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.
7. What are Social Environment Anthology audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Social Environment Anthology books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Social Environment Anthology :

the memory theater burned

the mibouri review volume xiv number 1 1991

the meendingof the sky and other chinese myths

~~the merthyr trilogy three plays~~

the milk-free and milk/egg-free cookbook

the mean mouse and other mean stories

the midwife bride

the meditation bible the definitive guide to meditations for every purpose

~~the marsh marlowe letters~~

the meditations of guigo i prior of the charterhouse cistercian studies series

the mask of zorro widescreen edition

the meaning of education and other essays and addresses

~~the metaphors of st paul and companions of st paul~~

the mature students guide to reading and composition i

~~the masked marvel~~

Social Environment Anthology :

Devil at My Heels: A Heroic Olympian's Astonishing Story ... A modern classic by an American legend, Devil at My Heels is the riveting and deeply personal memoir by U.S. Olympian, World War II bombardier, and POW survivor ... Devil at My Heels: A Heroic Olympian's Astonishing Story ... A modern classic by an American legend, Devil at My Heels is the riveting and deeply personal memoir by U.S. Olympian, World War II bombardier, and POW survivor ... Devil at My Heels by Louis Zamperini "Devil at my heels" is a compelling story of one heroic man. This is about Louis Zamperini's young adult life, and how he overcame his past and learned how ... Devil at My Heels: A Heroic Olympian's Astonishing Story ... Devil at My Heels: A Heroic Olympian's Astonishing Story of Survival as a Japanese POW in World War II. Louis Zamperini. 4.7 out of 5 stars 1,977. Paperback. Devil at My Heels by Louis Zamperini, David Rensin (Ebook) A modern classic by an American legend, Devil at My Heels is the riveting and deeply personal memoir by U.S. Olympian, World War II bombardier, and POW survivor ... Devil at My Heels: A Heroic Olympian's Astonishing Story ... A modern classic by an American legend, Devil at My Heels is the riveting and deeply personal memoir by U.S. Olympian, World War II bombardier, and POW survivor ... Devil at

My Heels: A Heroic Olympian's Astonishing Story ... Devil at My Heels: A Heroic Olympian's Astonishing Story of Survival as a Japanese POW in World War II ... is sold by an ABAA member in full compliance with our ... Devil At My Heels: A Heroic Olympian's Astonishing Story ... Devil At My Heels: A Heroic Olympian's Astonishing Story of Survival as a Japanese POW in World War II ... 9780062118851. His story is now well known, told by ... Devil at My Heels: A Heroic Olympian's Astonishing Story of ... Devil at My Heels: A Heroic Olympian's Astonishing Story of Survival as a Japanese POW in World War II; Author ; Zamperini, Louis, Rensin, David; Book Condition ... Devil at My Heels A Heroic Olympians Astonishing Story of ... Nov 14, 2014 — Devil at My Heels A Heroic Olympians Astonishing Story of Survival as a Japanese POW in World War II by Louis Zamperini available in Trade ... Top Level > Texts > Men's Magazines: 1970s and Beyond Magazines (1) Men's Magazine (55) Men's Magazines (1,148) Men's Magazines, Erotic, Adult, Magazine, British Magazine (7) Men's Magazines, Erotic, Adult, ... Men are lost. Here's a map out of the wilderness. Young men who disappear into online forums, video games or pornography see none of the social or personal rewards of meeting these goals ... The TIME Magazine Vault Check out the online archives of TIME Magazine: complete coverage since 1923 of world news, politics, entertainment, science, health, history, business and ... BRIDGING THE DIGITAL GENDER DIVIDE Recognising that gender equality is essential for ensuring that men and women can contribute fully for the betterment of societies and economies at large, G20 ... GQ: Men's Fashion, Style, Grooming, Fitness, Lifestyle, News ... The latest tips and advice for men on style, grooming, fitness, best products, travel destinations and more. Find politics, sports and entertainment news. Wikipedia:List of online newspaper archives This is a list of online newspaper archives and some magazines and journals, including both free and pay wall blocked digital archives. PLOS ONE Correction: Clinical efficacy and safety of interferon (Type I and Type III) therapy in patients with COVID-19: A systematic review and meta-analysis of ... The New Yorker Reporting, Profiles, breaking news, cultural coverage, podcasts, videos, and cartoons from The New Yorker. New York Magazine New York Magazine obsessively chronicles the ideas, people, and cultural events that are forever reshaping our world. The BMJ: Leading Medical Research, News, Education, Opinion High impact medical journal. Champion of better research, clinical practice & healthcare policy since 1840. For GPs, hospital doctors, educators, ... Mystic monk coffee case executive summary The coffee is made by Brother Elias (Brother Java) who is able to work for 6 hours per day, which limits production of coffee to about 130-135 pounds per day. Case Study 1 - Mystic Monk Coffee Analysis (doc) Sep 18, 2023 — Father Mary must look at the risk involved with trying to build the Mystic Monk Coffee as well as the risk of purchasing a ranch for \$8.9 ... Mystic Monk Coffee If Mystic Monk Coffee was capable of making the vision a reality, what were the next steps in turning the coffee into land? THE CARMELITE MONKS. OF WYOMING. Mystic Monk Coffee Strategies Case Case Study Mar 23, 2021 — Mystic Monk Coffee's strategy is a money-maker by its nature because it is based on the US Catholics as the main consumers, who buy their ... Essay on Mystic Monk Coffee Case Analysis - 1081 Words When Schultz returned to the States he presented his new-found

discoveries, of what he believes a coffee shop should be like. However, his bosses didn't share ... MYSTIC MONK COFFEE Case Analysis The purpose of this research is to examine the effects of external environment pertaining to the marketing strategy of Starbucks, a coffee chain in Malaysia ... Mystic Monk Coffee Assignment Questions Has Father ... By having an established premium coffee business in a growing sector of the retail coffee industry, Mystic Monk can see steady annual financial growth of 32%. The Mystic Monk coffee : case study The wyoming carmelite monastery founded by Father Daniel Mary. learnings and areas of considerations. The carmelite monks have little HR. not productive during ... Mystic Monk Coffee - His vision for MMC is unclear ... His vision for MMC is unclear according to the case, but he knows they have a competitive advantage over some secular businesses. The mission of the Carmelite ... Mystic Monk Coffee case | PDF Aug 27, 2016 — Father Daniel Mary cannot make the vision come true unless he can collect enough money to pay for the \$8.9 million listing price of that ranch.