

Activity 4

Ma Li

S2165025

Research Methodology

Introduction	<p>Title: "Big Data: A Review" by V. K. Samineni, R. K. Dantu, and S. K. Madria. Published in the Journal of Big Data on December 23, 2015.</p> <p>The article "Big Data: A Review" by Samineni et al. (2015) provides an overview of the characteristics, challenges, and opportunities of big data. The authors explore its applications in healthcare, social media, and transportation and argue that while big data has the potential to revolutionize our lives, it requires advancements in technology, infrastructure, and policies.</p> <p>MY thesis statement is that big data has transformed fields but raised ethical concerns about privacy, bias, and accountability. It is crucial to develop ethical frameworks to ensure that its benefits are widely distributed, and its risks minimized.</p>
Summary	<p>Briefly Outline:</p> <ol style="list-style-type: none"> 1. The article is about Introduction to big data and its characteristics. 2. The author argues that Challenges and opportunities of big data, including data management, analysis, and privacy. 3. The article provides a comprehensive review of big data, including its characteristics, challenges, opportunities, and applications. 4. The article aims to provide an overview of big data and its potential to revolutionize various aspects of our lives. 5. The authors review existing literature on big data and its applications and draw conclusions based on their analysis. <p>This article follows a logical structure, introducing big data and its characteristics, discussing its challenges and opportunities, exploring application domains, and finally discussing needed advancements. The writing is clear and concise, making it easy to follow.</p>
Analysis	<p>What I liked:</p> <p>The article provides a comprehensive overview of big data, including its characteristics, challenges, opportunities, and application domains.</p> <p>What I did not like:</p> <p>The article was published in 2015, and some of the information and examples may no longer be up to date.</p> <p>The authors have achieved their goal of providing a comprehensive overview of big data and its potential, including its characteristics, challenges, opportunities, and application domains. They also highlight the ethical implications of big data and the need for ethical frameworks. The article is a good introduction to big data for readers new to the topic.</p>
Conclusion	<p>You must read this article because it is imperative that policymakers, businesses, and individuals recognize the ethical implications of big data and work together to develop ethical frameworks that ensure its benefits are widely distributed and its risks are minimized.</p>

Introduction	<p>Title: "Big Data and Medical Education: A Systematic Review and Exploratory Data Analysis" by Chou et al. Published in the Journal of Medical Internet Research Medical Education on May 9, 2018.</p> <p>The article discusses the potential applications of big data in medical education, including personalized learning and curriculum development. However, the authors emphasize that technical, ethical, and practical challenges must be addressed for successful implementation. Overall, the authors believe that big data has significant potential to enhance medical education.</p> <p>MY thesis statement is that big data can revolutionize medical education through personalized learning and improved curriculum development, but addressing technical and ethical challenges is necessary for successful implementation. The article provides valuable insights and recommendations for future research in this area, highlighting the potential benefits of leveraging big data to improve patient outcomes.</p>
Summary	<p>Briefly Outline:</p> <p>The article explores the use of big data in medical education, discussing its potential applications and limitations.</p> <ol style="list-style-type: none"> 1. The article reviews literature on using big data in medical education and identifies challenges and opportunities. 2. It discusses technical, ethical, and practical challenges and provides recommendations for future research and implementation. 3. The writing is clear and concise, and the article is structured logically.
Analysis	<p>What I liked:</p> <p>The article provides a comprehensive review of relevant literature on the topic of big data in medical education, indicating that the authors have conducted thorough research.</p> <p>What I don't liked:</p> <p>The article mainly relies on a review of existing literature, and the authors do not provide any original data or research.</p> <p>the article provides a useful overview of the potential applications and challenges of using big data in medical education, but its reliance on existing literature and lack of specific recommendations could limit its practical value.</p>
Conclusion	<p>You must read this article because it provides valuable insights and recommendations for future research, highlighting the benefits of using big data to improve patient outcomes. We must continue to explore the use of big data in medical education and work towards developing ethical frameworks and solutions for the technical challenges to ensure its potential is realized..</p>