Theories of Business Informatics

Visualizing Knowledge: Transforming Reference Lists into Insightful Data Displays

Moein Beheshti - October 2023

Let's Review

Last session

- Find Ideas (Work, Studies, Supervisor)

- Develop (AI, P&P, Mendeley)

- Find key sources (Sift, LR)

- Write & Expand (Learn and Review)

Nassiry, 2019). A blockchain's data transparency and flexible access choices can facilitate the exchange of CO2 reduction goods across sectors and internationally. New opportunities are created by using smart contracts in the market for renewable energy and the environment (Bailis, Narayanan, Miller, & Han, 2017; Cuccuru, 2017). Smart contracts can carry out transactions involving Big various investment instruments across national borders and regulatory restrictions in this area, which is crucial in light of Article 6 of the Paris Agreement (Herweijer et al, 2018). Furthermore, they increase confidence between the parties, decrease the cost of checking the proper contract implementation, and decrease the likelihood of contract violations (Cong & He, 2019).
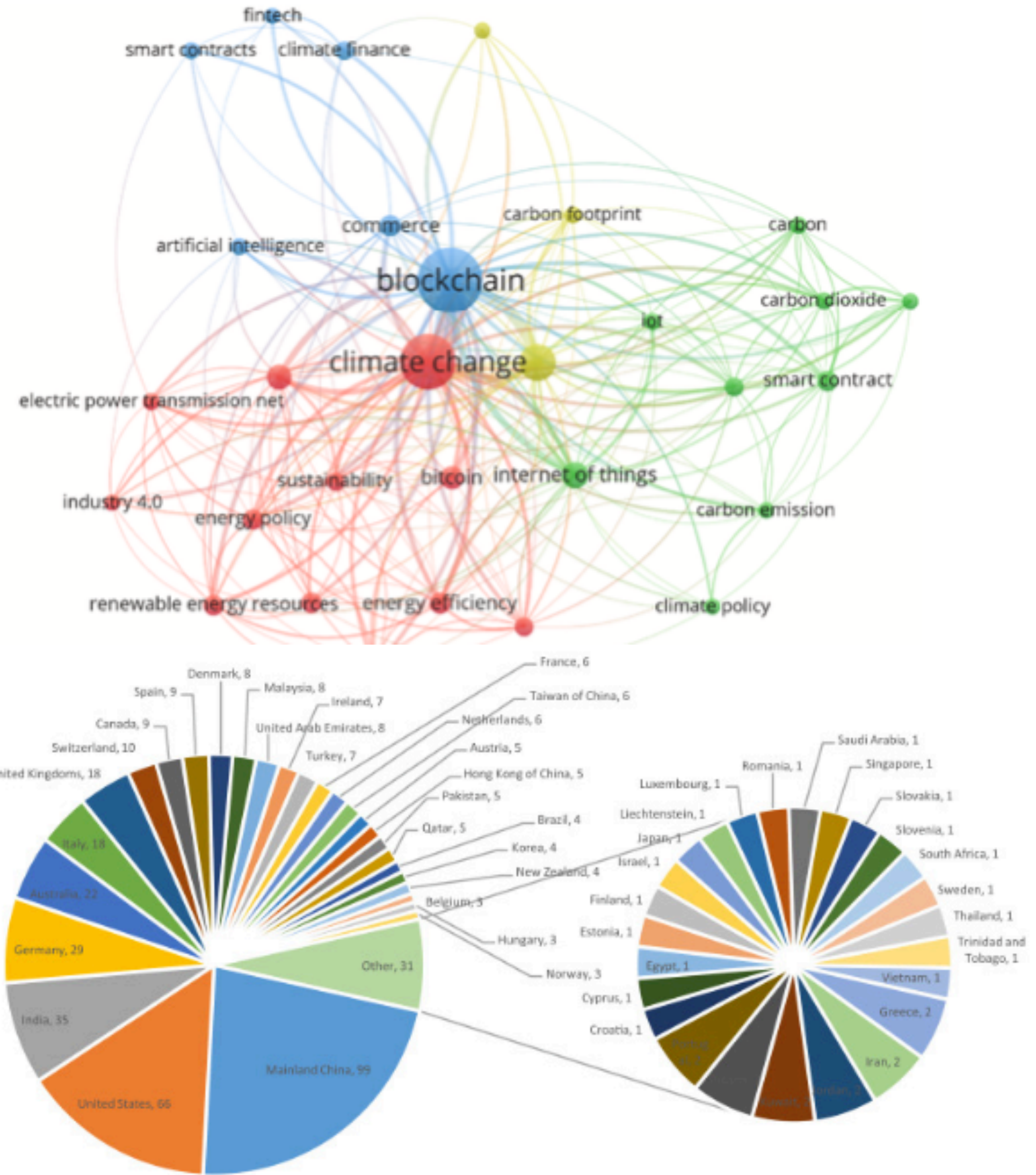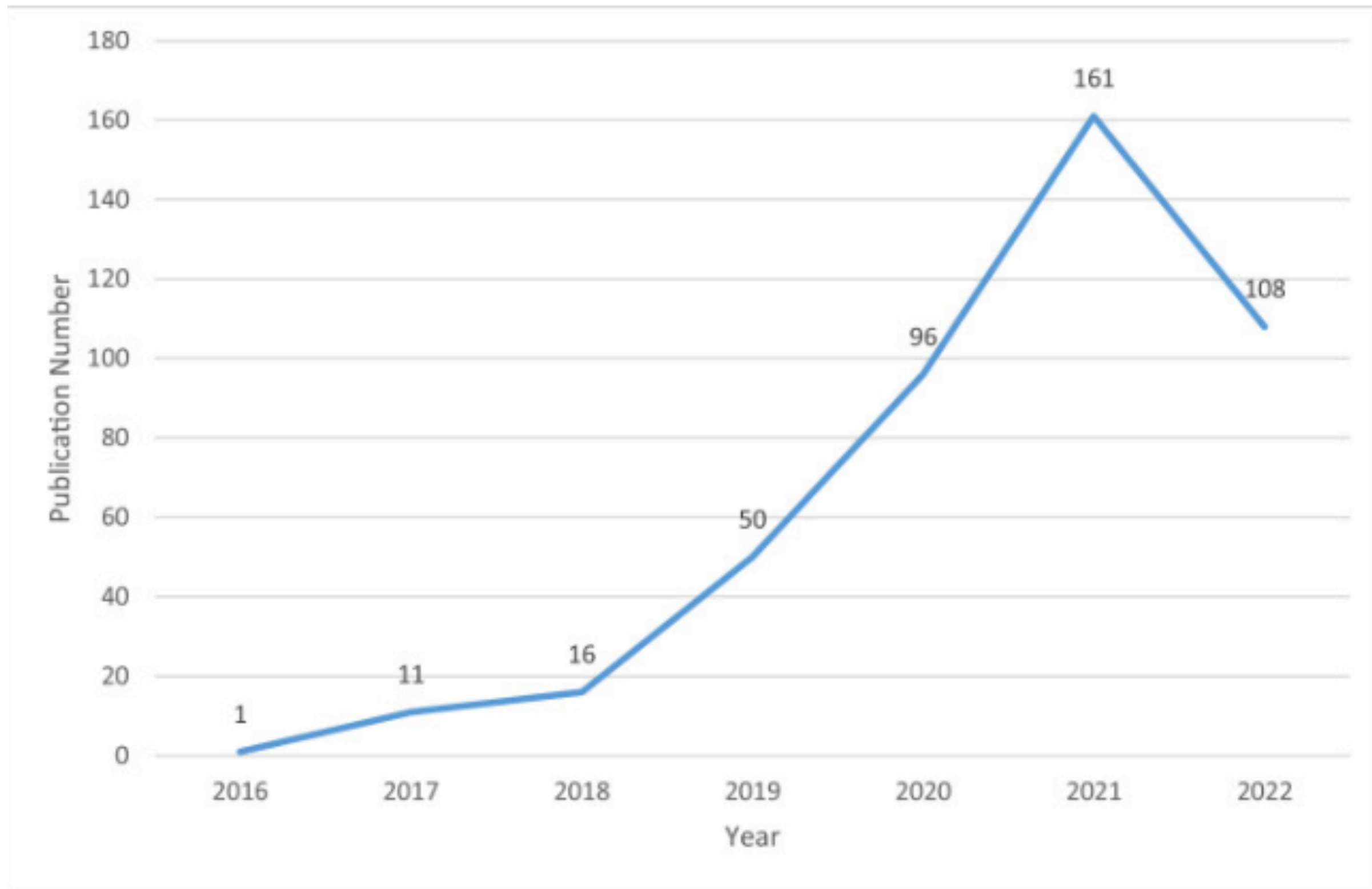
Dorfleitner and Braun (2019) demonstrated how blockchain-based P2P financing and crowd investments might promote raising cash for green initiatives. Investor risks are reduced and funding barriers are lessened by the immutability of financial data, which allows for monitoring of whether financial resources are utilized for their intended purposes (Nassiry, 2019; Schletz et al., 2020b). Financial innovations like green bonds, ICOs, and digital currencies can also hasten financial inclusion (Boakye et al., 2022; Galen et al., 2018; Masiak, Block, Masiak, Neuenkirch, & Pielen, 2020). Finally, the development of reward systems based on tokens using blockchain technology offers chances to encourage people to behave sustainably (Dorfleitner et al, 2021). However, certain nations' current regulatory and legal structures permit legal ambiguity and confusion in the use of the technology (Dorfleitner et al, 2021; Safiullin et al. 2021). Another issue is the blockchain's data quality, which depends on the data's reliability and correctness and might be improved by better user training and the incorporation of outside censors (Neves & Prata, 2018; Yang et al., 2022). The lack of skilled blockchain creators, as well as the variety and potential interoperability of distinct blockchain technology, are also mentioned by Dong et al. as limitations.

So What?

Make it easy to understand

Literature Review Process

Collect
- Scopus®
- Google Scholar
- Clarivate Web of Science™
- Semantic Scholar
- Publish or Perish

Process
- CHATGPT
- PDF
- CONNECTED PAPERS
- ResearchRabbit
- Litmaps
- Elicit the AI research assistant

Store
- Z (Zotero)
- MENDELEY

Execute
- Python
- R
- Power BI
- Tableau
- IBM COGNOS
- Excel
- CHATGPT
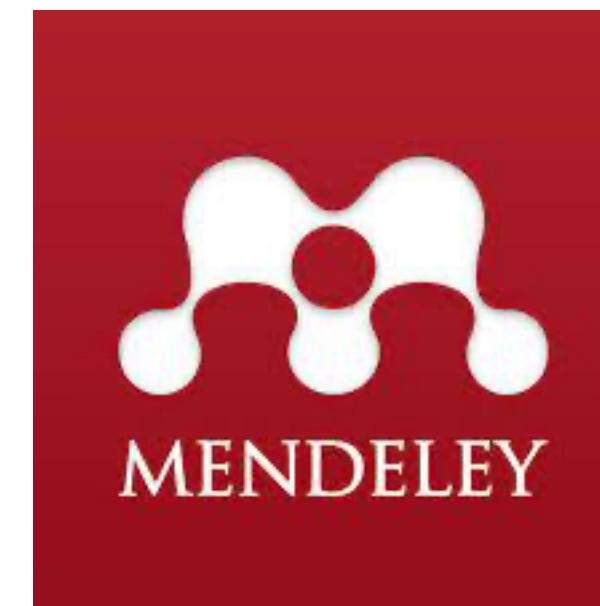
Mock Project

Mock Project
Research Question Identification

- Big picture idea: AI is very cool. It seems very efficient, and I would like to know if this can be useful in retail stores like Lidl.

- Find Keywords: AI, Customer behaviour, Purchasing decision, Retails, [Methodology]

- Initial literature review

- Define my research question: How does implementing AI technologies in Lidl stores influence consumer behaviour and purchasing decisions?

Mock Project
Dorks

"Artificial Intelligence" "Consumer Behaviour"

"AI Technologies" "Purchasing Decisions" "Retail"

"AI Implementation" "Consumer Interaction"

"Artificial Intelligence" "Retail Strategy"

"AI" "Customer Experience"

Mock Project

Dorks

Scopus®

TITLE-ABS-KEY ("artificial intelligence" AND "consumer behaviour")

TITLE-ABS-KEY ("AI technologies" AND "purchasing decisions" AND "retail")

TITLE-ABS-KEY ("AI implementation" AND "consumer interaction")

TITLE-ABS-KEY ("artificial intelligence" AND "retail strategy")

TITLE-ABS-KEY ("AI" AND "customer experience")

Mock Project
Dorks (Advanced Search)

Scopus®

TITLE-ABS-KEY("artificial intelligence" AND "consumer behaviour" AND "retail") AND

LANGUAGE(English) AND

DOCTYPE(ar) AND

PUBYEAR > 2012 AND PUBYEAR < 2024

Let's Play a Game

Your turn

Team Blue

What are the challenges faced by organizations in implementing AI-driven digital transformation and how can they be mitigated?

Team Red

How does the implementation of AI in telemedicine impact the patient experience, and how is this perceived value measured through the UTAUT model?

Deliver Keywords, A paragraph with citations, Key papers and three visualizations.