

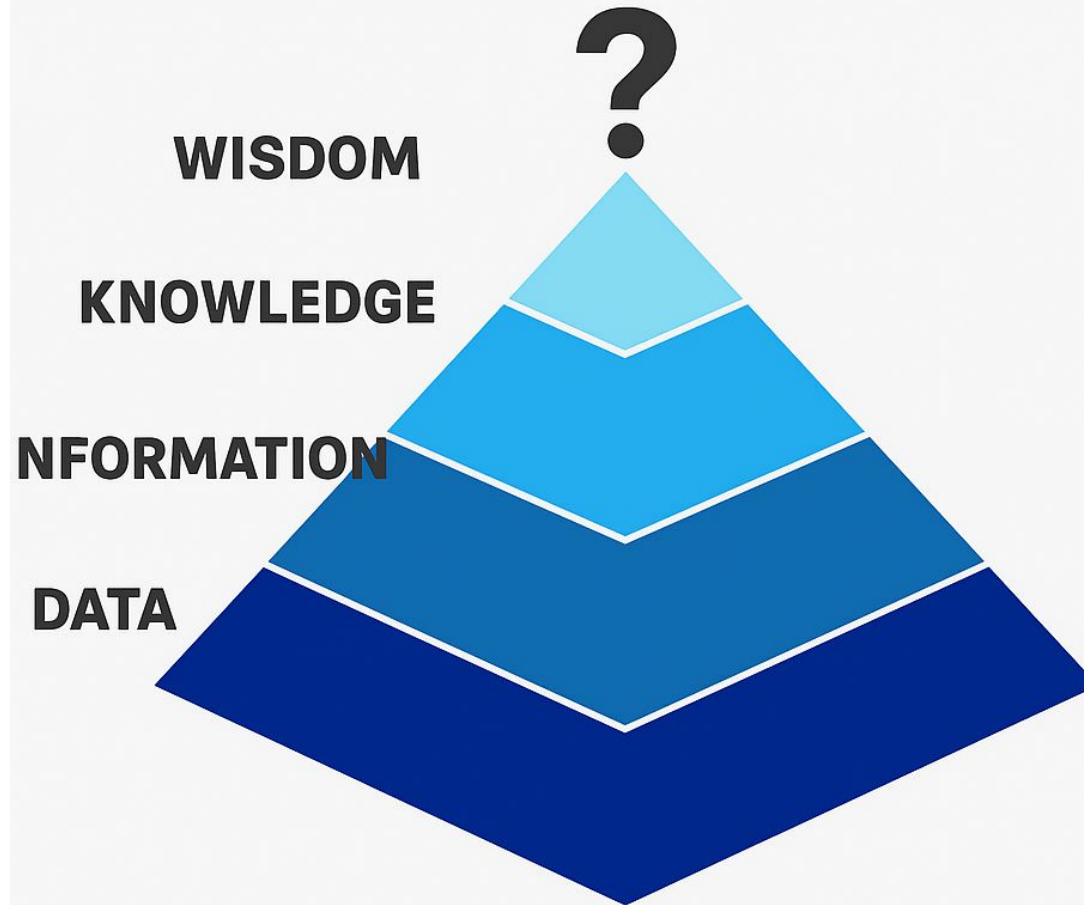


Web of Wisdom. The state of art at the top of the DIKW Pyramid

Estado da arte em 14 de Maio de 2025

Henrique Rabelo de Andrade
Disciplina Gestão do Conhecimento

THE DIKW PYRAMID



Food for thoughts

- Is wisdom seen as a personal or collective manifestation?
- Does it only manifest itself in complex and/or critical scenarios?
- Is wisdom a divine inspiration or an accumulation of knowledge and experience?
- Is it necessarily tacit or may it be explicit?
- Wisdom goes through all four processes of socialization, externalization, combination and internalization?
- How is it captured, stored, shared and used?

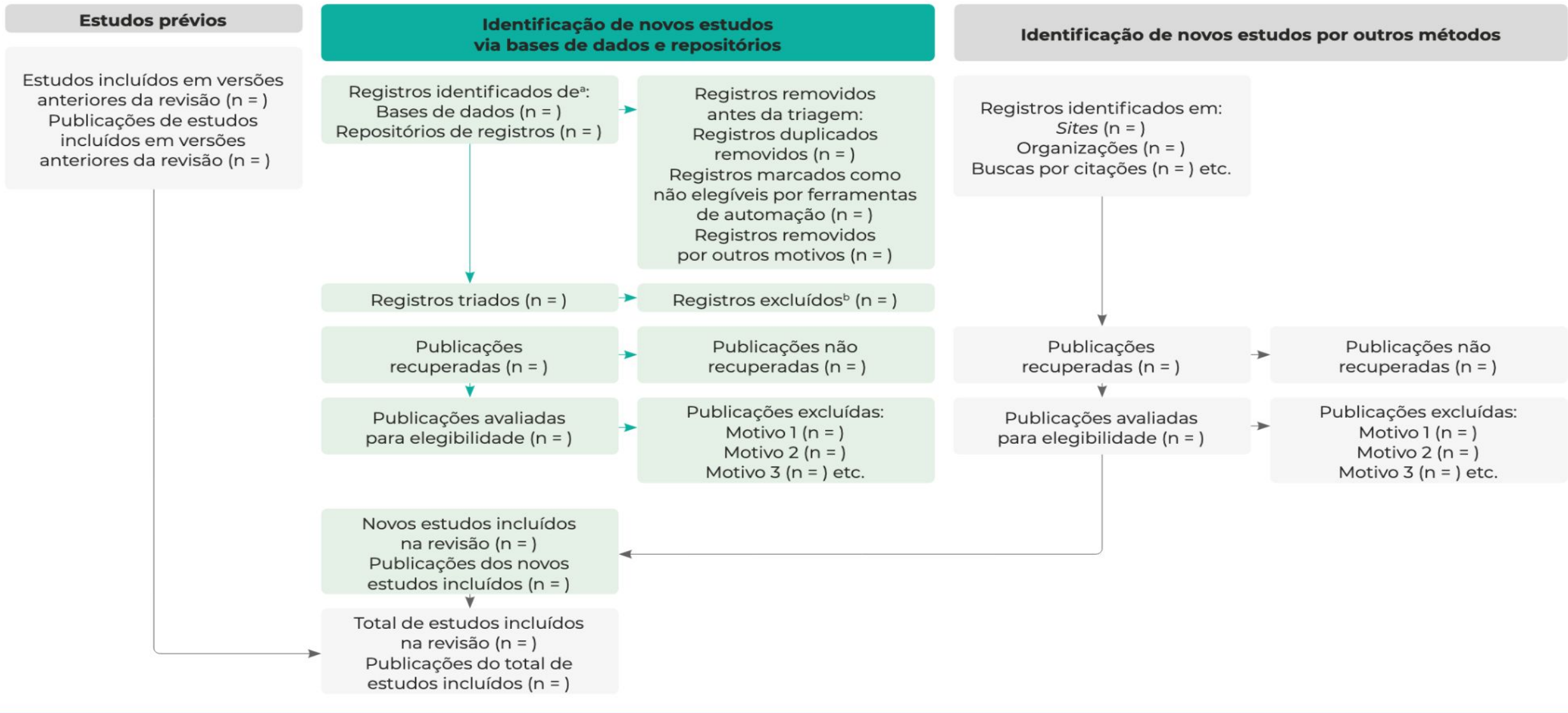
Bibliografia pré-revisão

- [1] M. Frické, “**The knowledge pyramid: a critique of the DIKW hierarchy**”, *Journal of Information Science*, vol. 35, nº 2, p. 131–142, abr. 2009, doi: 10.1177/0165551508094050.
- [2] M. Frické, “**The Knowledge Pyramid: the DIKW Hierarchy**”, *KO*, vol. 46, nº 1, p. 33–46, 2019, doi: 10.5771/0943-7444-2019-1-33.
- [3] J. Gans, “**Book Review: Verhezen, Peter. Making Wise Decisions in a Smart World: Responsible Leadership in an Era of Artificial Intelligence**”, *Journal of Economic Literature*, vol. 61, nº 3, p. 1201–1202, set. 2023, doi: 10.1257/jel.61.3.1188.r5.
- [4] E. Hyvönen, “**Serendipitous knowledge discovery on the Web of Wisdom based on searching and explaining interesting relations in knowledge graphs**”, *Journal of Web Semantics*, vol. 85, p. 100852, maio 2025, doi: 10.1016/j.websem.2024.100852.
- [5] Marthen Medlama, “**The Impact of Artificial Intelligence on Leadership Decision-Making: Opportunities and Challenges**”, *cana*, vol. 32, nº 9s, p. 1878–1885, mar. 2025, doi: 10.52783/cana.v32.4359.
- [6] M. A. Peters, P. Jandrić, e B. J. Green, “**The DIKW Model in the Age of Artificial Intelligence**”, *Postdigit Sci Educ*, fev. 2024, doi: 10.1007/s42438-024-00462-8.
- [7] P. Verhezen, **Making Wise Decisions in a Smart World: Responsible Leadership in an Era of Artificial Intelligence**. Hackensack, NJ: World Scientific, 2023. [Online]. Disponível em: <https://www.worldscientific.com/worldscibooks/10.1142/13192#t=suppl>
- [8] “**Bible II Chronicles chapter 1**”, Bible Gateway. Acesso em: 9 de maio de 2025. [Online]. Disponível em: <https://www.biblegateway.com/passage/?search=2%20Cr%C3%B4nicas%201&version=NVI-PT>

Definição metodológica

Principais Itens para Relatar Revisões Sistemáticas e Meta-análises (PRIMA 2020)

M. J. Page et al., “The PRISMA 2020 statement: an updated guideline for reporting systematic reviews”, 2020.



Próximos passos

- Terminar leitura da bibliografia fomentadora
- Determinar as questões de pesquisa
- Executar os passos mapeados no framework PRISMA 2020



FIM

Obrigado pela sua atenção

On that night God appeared to Solomon, and said to him: “Ask! What shall I give you?” And Solomon said to God: “You have shown great mercy to David my father, and have made me king in his place. Now, O Lord God, let Your promise to David my father be established, for You have made me king over a people like the dust of the earth in multitude. Now give me wisdom and knowledge, that I may go out and come in before this people; for who can judge this great people of Yours?”