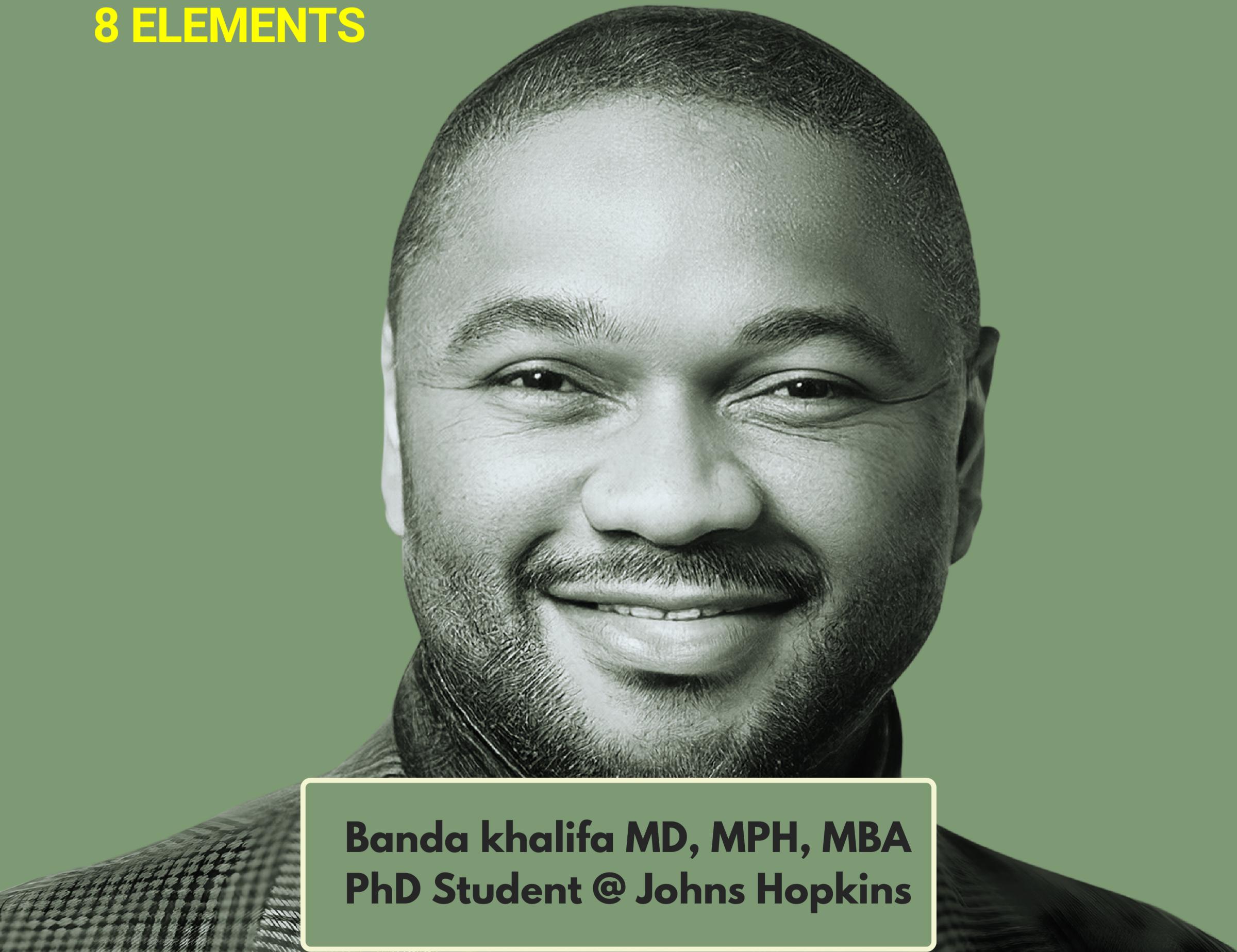


ELEMENTS OF A COMPELLING RESEARCH QUESTION

8 ELEMENTS



Banda Khalifa MD, MPH, MBA
PhD Student @ Johns Hopkins

A well-formulated research question serves as the cornerstone of a study, guiding its design, methodology, and analysis



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Below are essential elements of a compelling Research Question, adhering to scientific standards.



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1. RELEVANCE AND IMPORTANCE



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- The question should address a critical issue in the field.
- It must be pertinent and contribute meaningfully to the existing body of knowledge or to practical applications.



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2. SPECIFICITY AND CLARITY



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- A compelling research question is clear and specific.
- It avoids ambiguity and is framed in a way that makes the desired investigation straightforward and focused.



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3. FEASIBILITY AND TESTABILITY



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- The question should be feasible to investigate within the constraints of available resources, time, and ethical boundaries.
- It must be testable, allowing for empirical investigation and data collection.



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4. ORIGINALITY AND NOVELTY



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- The question should offer a new perspective or approach to an existing problem or address an entirely new issue.
- It should not replicate previous studies unless there is a valid reason, such as challenging or verifying earlier findings.



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5. GAP IN KNOWLEDGE



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- A compelling question often arises from an identified gap in the existing literature.
- It seeks to fill this gap by providing new insights or data.



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6. HYPOTHESIS-DRIVEN



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- The research question should lead to the formulation of a clear and concise hypothesis.
- This hypothesis guides the design and methodology of the study.
- The hypothesis should be a logical extension of the research question, testable, and falsifiable.



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7. ALIGNMENT WITH RESEARCH AIMS



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- The question should align with the overall aims and objectives of the study.
- It should guide the research towards its intended goals and outcomes.



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8. IMPACT AND IMPLICATIONS



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- The potential impact of answering the question should be significant.
- This could be in terms of advancing scientific understanding, influencing clinical practice, or informing public health policy.



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REPOST



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Banda Khalifa, MD, MPH, MBA

PhD Student @ Johns Hopkins Uni.

I talk about graduate school, Ethical AI,
personal development, and global public health.

