

THEMATIC ANALYSIS

A QUALITATIVE METHODOLOGY

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LAND ACKNOWLEDGMENT

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A systematic method of organizing, analyzing, and making meaning out of qualitative data



Useful for understanding participants' experiences, thoughts and behaviours



Beyond a summative process – involves active interpretation and analysis

WHAT IS THEMATIC ANALYSIS?

"A theme is an abstract entity that brings meaning and identity to a recurrent experience and its variant manifestations.
As such, a theme captures and unifies the nature or basis of the experience into a meaningful whole" (p. 362). (DeSantis and Ugarriza, 2000)



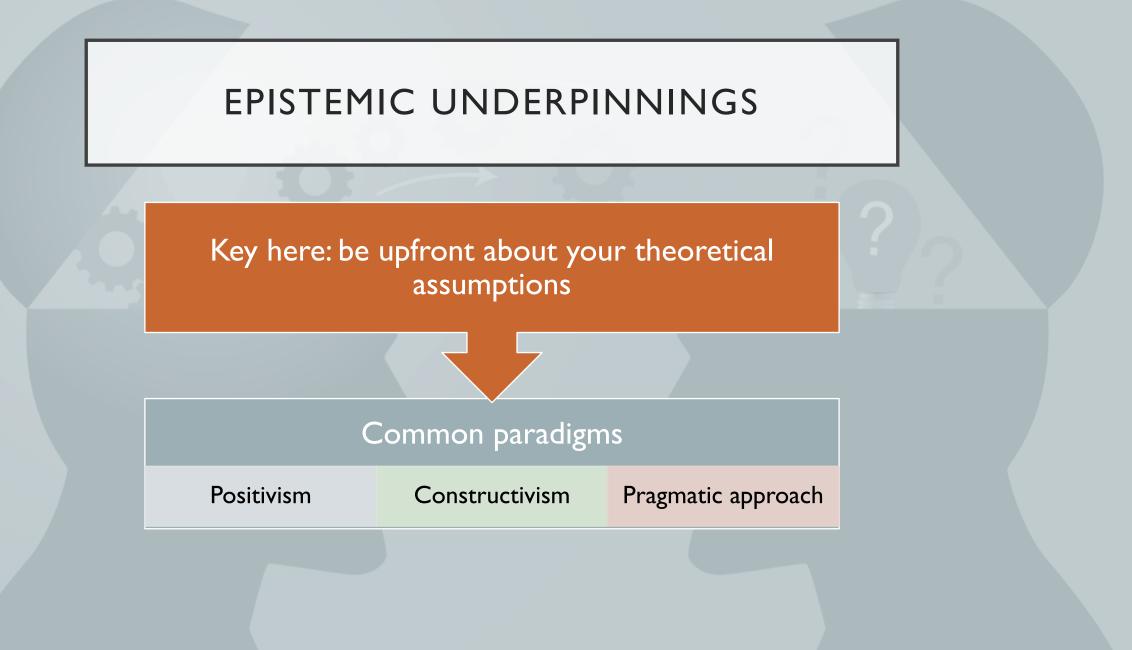
Codes: observations, basic units of analysis

Themes: actively constructed patterns, meanings

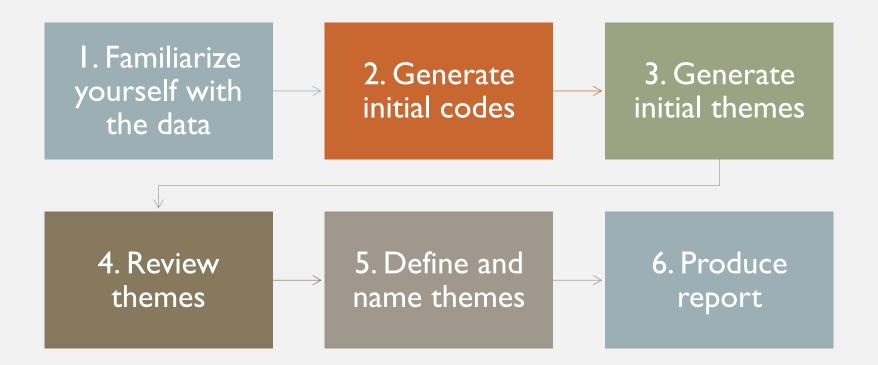
Deductive themes: derived from an external theoretical framework

Inductive themes: derived from the raw data

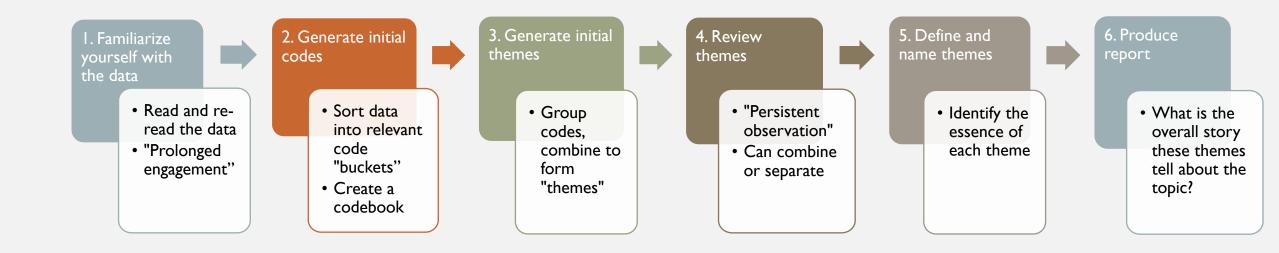
On reflexivity: critically reflect on your background and its impact on your work



THEMATIC ANALYSIS IN 6 STEPS



THEMATIC ANALYSIS IN 6 STEPS



(Braun and Clarke, 2006; Nowell et al, 2017; Kiger and Varpio, 2020)

WHEN REVIEWING THEMES:

- Is this a theme?
- What is the quality of this theme?
- What are the boundaries of this theme?
- Is there enough meaningful data to support this theme?
- Is the data to diverse and wide ranging?

"'It is this very knowledge that makes us doctors': an applied thematic analysis of how medical students perceive the relevance of biomedical science knowledge to clinical medicine"

Codes	Code definitions	Code definitions				
1.a. Diagnosis	Conduct physical exam, interview p symptoms, link symptoms to disea: formulate a testable hypothesis, cre interpret diagnostic data, identify li					
1.b. Patient management	Select treatment/therapy, understa identify treatment contraindication	Codes				
1.c. Tolerance of ambiguity	1. Knowledge to practice medicine	Use biomedical science knowledge to support clinical reasoning and justify clinical decisions	1.a. Diagnosis 1.b. Patient management 1.c. Tolerance of ambiguity 1.d. Patient safety			
1.d. Patient safety	2. Lifelong learning	Acquire new biomedical science knowledge to understand and apply new, improved, and emerging therapies/treatments, diagnostics, interventions, and understanding of disease mechanisms that are advanced through biomedical science research (i.e., evidence-based medicine)	2.a. Continue learning throughout practice			
	3. Physician-patient relationship	Educate and empower patients by engaging them in shared decision making, providing compassionate care, and developing patient trust	3.a. Educate patients3.b. Empower patients3.c. Develop patient trust			
	4. Learner perception of self	Biomedical science knowledge contributes to the emergence of professional identity	4.a. Develop confidence and competence as a physician4.b. Transition from layperson to physician			

"WHAT CAN BE DONE TO REDUCE BURNOUT AMONG PHYSICIANS?"

			Table 4				
Burnout solutions: Engaging in ex	ercising		Burnout Solutio	ons			
Burnout solutions: Engaging in meditation			Cluster 1	Cluster 2	Cluster 3	Cluster 4	Cluster 5
Burnout solutions: Engaging in meditation			Engaging in meditation (2)	Flexibility in working hours	Having time with family (1)	Learning more (1)	Engaging in volunteering (1)
Burnout solutions: Engaging in rel	ligious activities		Engaging in	(1)	Spending time	Gaining work	
Burnout solutions: Engaging in volunteering			exercising (1)	over working		experience (1)	
Burnout solutions: Flexibility in			Encoging in	hours (1)	Taking family		
Burnout solutions: Gaining work	Cluster 1: Engaging in	Cluster 2: Having	Cluster 3: Having time with	Cluster 4: Having adequate	Cluster 5: Engaging in		
Burnout solutions: Having contro	physical and spiritual activities (4)	preferred working hours (2)	family (3)	work experience (2)	volunteering (1)		
Burnout solutions: Having time v	Engaging in H	lexibility in	Having time with	Learning more	Engaging in		
Burnout solutions: Learning more		vorking hours 1)	family (1)	(1)	volunteering (1)		
Burnout solutions: Spending time	Engaging in exercising (1) H	Iaving control	Spending time with family (1)	Gaining work experience (1)			
Burnout solutions: Taking family	C	over working ag in hours (1) s	Taking family vacation (1)				
	activities (1)					(Adu Phi	lip. 2021)

"Improving Validity of Informed Consent for Biomedical Research in Zambia Using a Laboratory

Exposure Intervention"

Codes	Category	Themes
-Living healthy lives -Early detection of disease	Having a health body	Motivation for participation in invasive biomedical research
-Free medical screening -Free medical support	Accessing free medical services	
-Good research relationships -Duration of involvement in studies	Trust between the study participants and researchers	
-Fears about of size of biopsy	What do they remove from my body?	Factors which might inhibit participation in invasive biomedical research
- Limited awareness on use biopsy - Involvement of non-African in the study	What do they do with my biopsy?	
-Effect of intestinal endoscopy -Misinterpretation of compensation	What happens to the body once the biopsy is removed?	
-Rumours about the specimens - Misunderstanding of free medical services -Concerns about quantity of blood	Blood used for satanic activities	
-HIV status and repeated health care consultation	Fear of being stigmatised as being HIV positive	
-Women more willing to participate -Interference from husbands -Men think research is time-wasting	Gender inequality and perceptual differences	
-Better understanding of quantity blood required -Improved understanding of blood storage -Seeing old samples increasing confidence and trust	Enhanced understanding of use of specimens	Changes in perspective after the laboratory exposur intervention
- Satisfaction with the security of storage –and processing environment - Reduction in fears and insecurities -Commitment to sensitise the community	Increased willingness and confidence to participate	





Track your steps (methods)

Keep a reflexivity log

Intentional move between descriptive and interpretive stages

Outline any paradigmatic orientations or assumptions

Significant quotes

TRUSTWORTHINESS CRITERIA

0

Credibility:

"the 'fit' between respondents' views and the researchers' representations of them"

02

Dependability:

is the process "logical traceable, and clearly documented"?

03

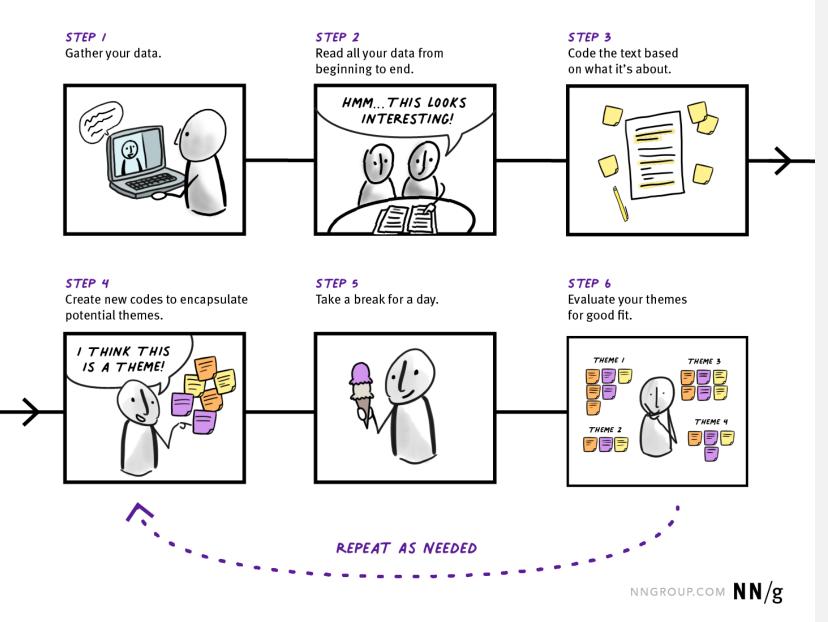
Confirmability: interpretation must be rooted in the data rather than your subjective viewpoints

04

Transferability:

related to applicability of the findings to other contexts

6 Steps to Doing a Thematic Analysis



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