



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

ECDE 7002: Introduction to Research Methods in Education

Doctorate in Education (Ed D)

Saturday 2 – 02/03/2024

- **Presentations**
- **Data analysis - qualitative data**
- **Research integrity**
- **Transferrable skills - Harvard referencing activities and critical writing**
- **Revisiting assignment guidance**

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ECDE 7002: Introduction to Research Methods in Education

Doctorate in Education (Ed D)

LEVEL 7

Alison S Evans

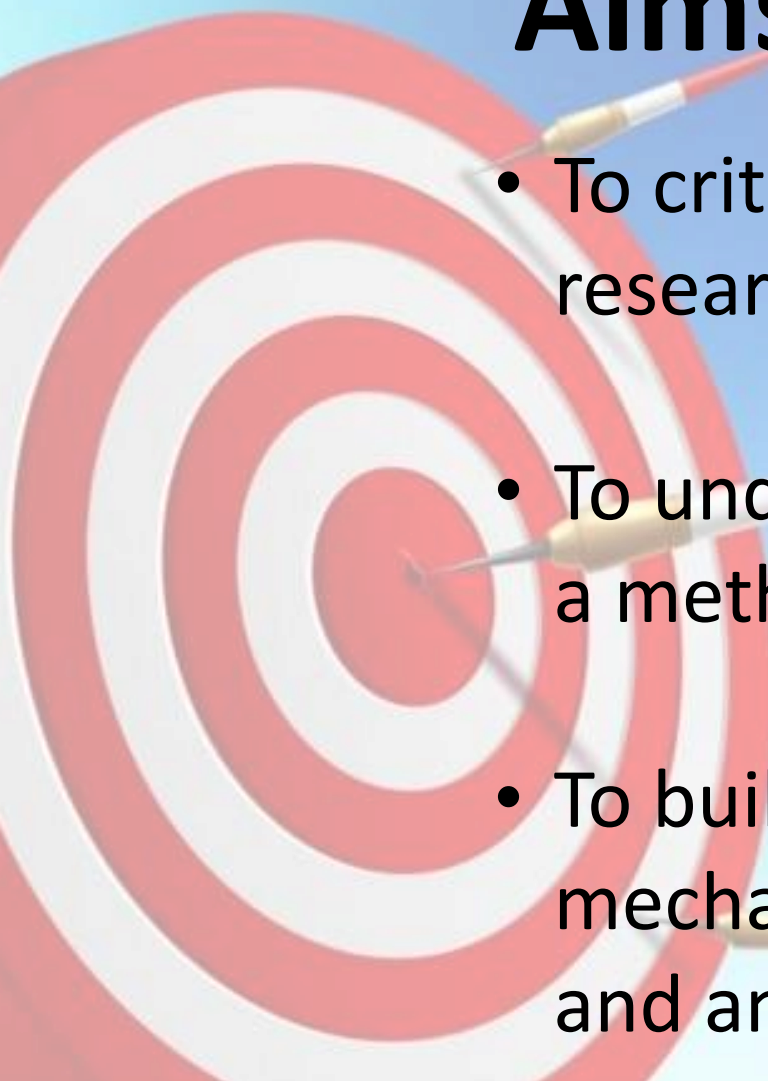
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Day 2 – Saturday 02/03/2024

Aims:

- 
- To critically appraise a range of research plans
 - To understand thematic analysis as a method of qualitative analysis
 - To build quality-assurance mechanisms into the collection and analysis of qualitative data



Tabletop Presentations

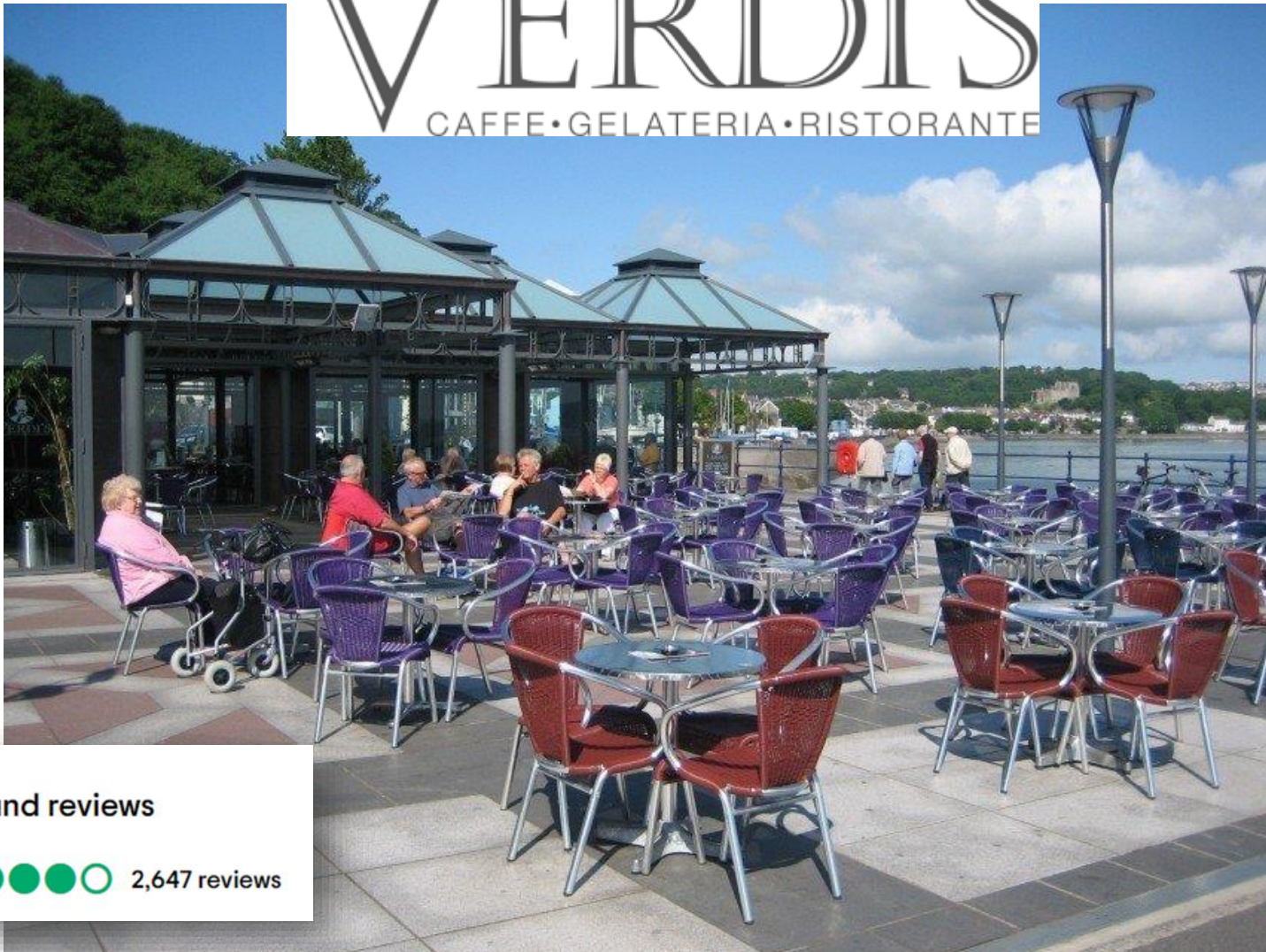
Analysing data

- Involves making a series of decisions – essential that the *reflexive* researcher identifies decision-making points to maximise quality of research and prevent unintended bias.
- Getting to know data, reducing large dataset (qualitative or quantitative) into a form in which they can be understood and reported.
- Analyse and present data in ways that enable others to go through them and make sense of them.

Elliott (2023)

VERDI'S

CAFFE • GELATERIA • RISTORANTE



Ratings and reviews

4.0 ●●●●○ 2,647 reviews



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Trawsnewid Addysg, Trawsnewid Bywydau
Transforming Education, Transforming Lives

●●●○○○ Reviewed 6 days ago

Verdis very dissappointing

What has happened to Verdis Change of owners,change of food quality and service.I took my wife for a BD lunch and she chose Pizza, which did not appear to have been made on the premises and tasted bland .Some of the waiters appeared disheveled and their service was certainly below the service we had under the previous owners Verdis has always had an authentic Italian feel to it ,but is now an overpriced cafe.Very disappointed and won't be returning for a while

Show less

Date of visit: February 2024

●●●○○○ Reviewed 13 December 2023 via mobile

Terrible

Miserable unhelpful staff. Food came in relay's , I got a muttering insincere apology.A restaurant with no character and overrated,as the only one that seems accessible for parking . People must be easily pleased , plenty of customers complained me. Only plus a lovely view . It's a NO from my company , Ciao

Show less

Date of visit: December 2023

●●●●● Reviewed 11 October 2023 via mobile

Family lunch

Lovely restaurant, good menu, think it is more known for its ice cream, but five adults all got different pizzas and all said they were lovely. We did indulge on ice cream and it was to die for. Plenty of room inside and outside, clean restaurant. Staff all lovely and helpful

Show less

Date of visit: October 2023

●●●○○○ Reviewed 6 August 2023

Lovely family friendly place to enjoy some

Fantastic views across the bay and some lovely ice cream. Would like to come back and sample some more of the flavours. A couple of vegan options and non dairy alternatives for coffees as well.

Date of visit: August 2023

●●●○○○ Reviewed 28 July 2023

Dropped standards

Bad experience. Standards dropped nowhere near standard it used to be. This local won't be going back.

Date of visit: July 2023

●●●●● Reviewed 3 January 2024 via mobile

Great place to visit

Popped in for a quick drink tonight on our evening walk on the beach front. Staff was very friendly and happy to be at your service.

Date of visit: January 2024

●●●●● Reviewed 29 December 2023 via mobile

Ice cream !!!!

Lovely place to go for food / drink. It is right on the side of the seafront many years ago and it still is the best place for ice cream.

Date of visit: August 2023

●●●○○○ Reviewed 29 November 2023

A visit best forgotten

Dirty tables unhappy staff food was slightly raw didn't finish won't go back again, nice view though i would just visit the nearby carpark much better day out

Date of visit: October 2023

●●●●● Reviewed 20 August 2023 via mobile

Fab location x x

This is my second visit to Verdi and boy did we enjoy ! The atmosphere is fab i honestly felt like I was on holiday abroad ! The location is fantastic and the choice of fresh puddings is out of this world !!! I will always want to visit here now when we visit the mumbles it's amazing !!!!! Thank you x x

Show less

Date of visit: August 2023

●●●●● Reviewed 17 September 2023

Stunning spot on beachfront in Mumbles

Family outing for tea, and ice cream desse Great variety of ice creams ab Nd sundaes, cakes and also pasta dishes and pizzas. . Plenty of space for outside and inside eating . Tries and succeeds in providing an Italian ambience lin Wales! The view across SwNsea Bay is great, A memorable visit.

Date of visit: September 2023

●●●●● Reviewed 30 July 2023 via mobile

A popular, bustling cafe-restaurant

We sheltered undercover here on a wet day. The service, good food, and dog friendly atmosphere made up for the weather. Paninis and filled baguettes with salad came quickly and were excellent. Lots of staff and a bustling atmosphere. Obviously, and justifiably, very popular.

Date of visit: July 2023

●●●●● Reviewed 11 July 2023 via mobile

Lost count how many times we have been here but it always meets expectations - great ice cream and views

Multiple visits over 30 years - we enjoy the views and opportunity to sit. Teas, coffees, ice cream sundaes and cakes all are delicious. Custard slices are the best around.

Although new owners have made minimal changes are positively managed

Transcription?

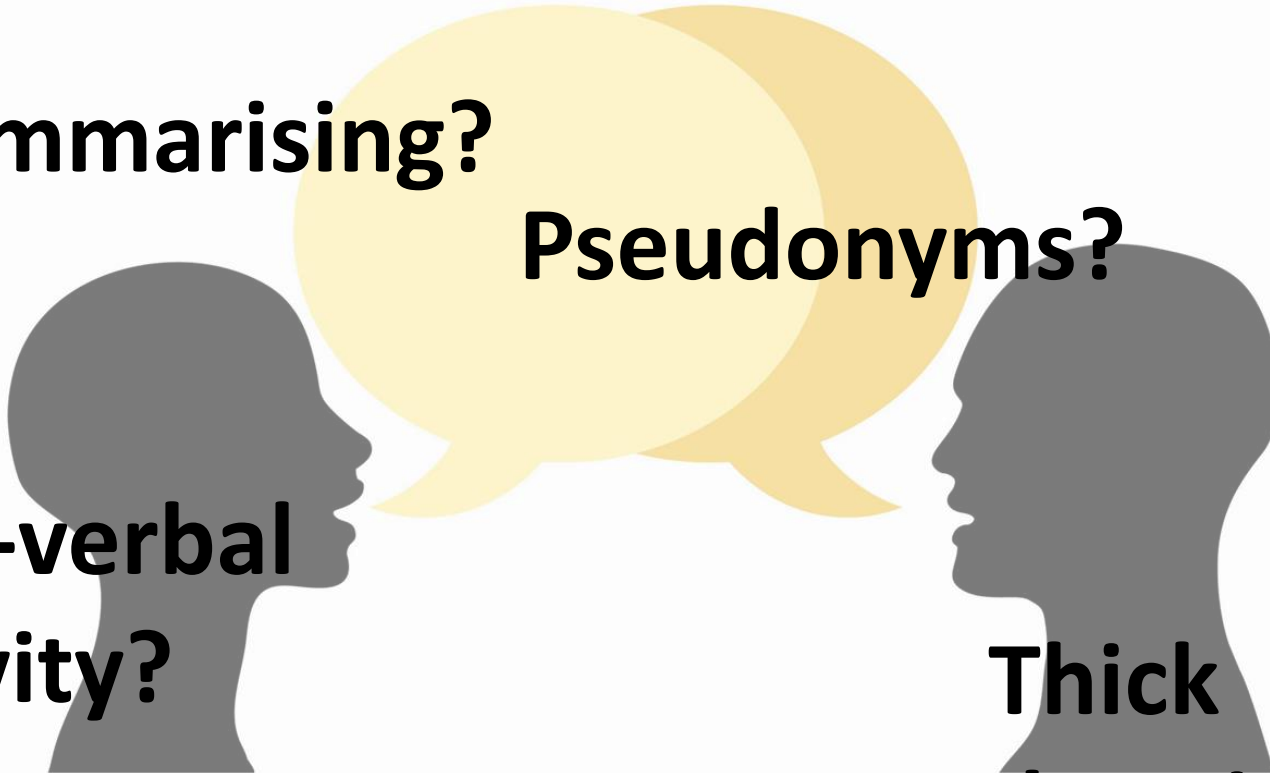
Verbatim?

Summarising?

Pseudonyms?

Non-verbal activity?

Thick description?

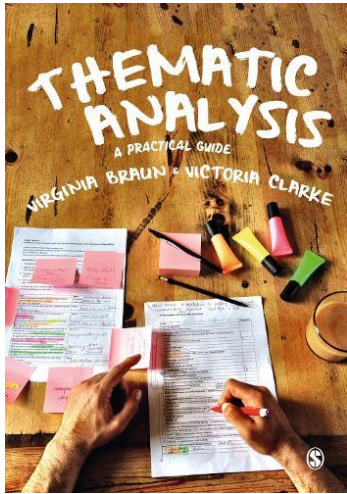


Thematic Analysis (TA)

TA is a method for identifying and analysing patterns (themes) within qualitative data and is a form of pattern recognition within the data.

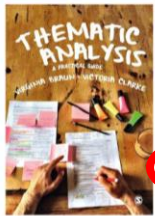
A theme captures something important about the data in relation to the RQ and represents a level of *patterned response* or meaning within the data.

Gray (2018)



Six phases of reflexive thematic analysis

- **Phase 1** – Familiarising yourself with the dataset
- **Phase 2** – Coding
- **Phase 3** – Generating initial themes
- **Phase 4** – Developing and reviewing themes
- **Phase 5** – Refining, defining and naming themes
- **Phase 6** – Writing up

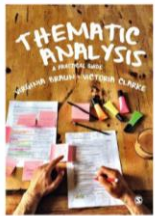


Six phases of reflexive thematic analysis

- Phase 1 – Familiarising yourself with the dataset
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- Phase 5 – Refining, defining and naming themes
- Phase 6 – Writing up

- Identify segments of data that appear potentially interesting, relevant or meaningful to your RQ and apply initial code labels aimed at capturing single meanings or concepts.

- Coding isn't just about summarising and reducing content, it is also about capturing your analytical take on the data.
- You code the entire dataset, systematically and thoroughly.
- When done, you collate your code labels and then compile the relevant segments of data for each code.



Six phases of reflexive thematic analysis

- Phase 1 – Familiarising yourself with the dataset
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- Phase 6 – Writing up

- Start identifying shared patterned meanings across your dataset.
- Compile clusters of codes to share a core idea or concept which is relevant to your RQ.

- Theme development is an active process; themes are constructed by the researcher, based around the data, the RQs and the researcher's knowledge and insights.
- **Codes** capture a specific or particular meaning; **themes** describe broader, shared meanings.

Example: Phase 3 - Generating initial themes

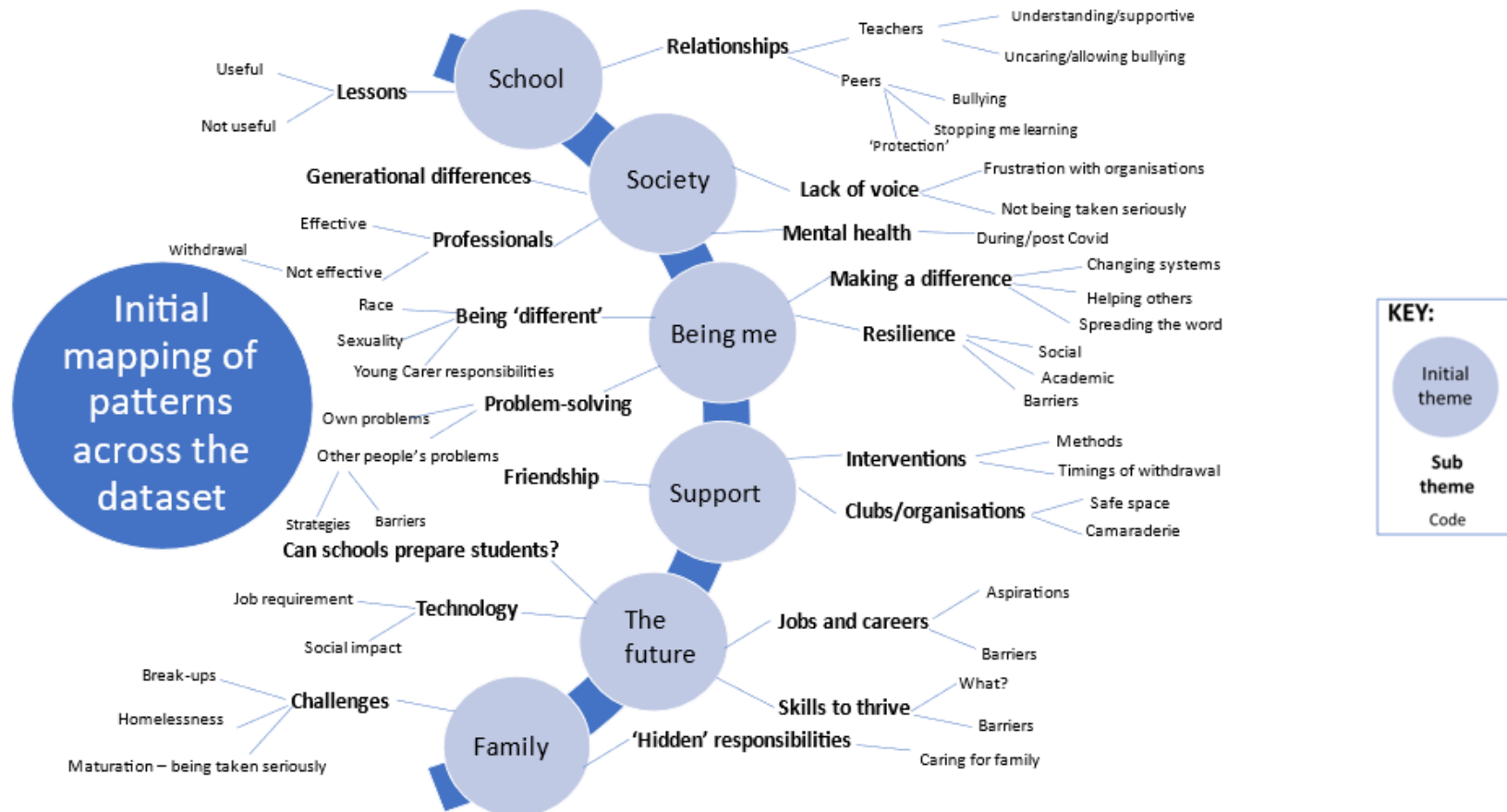
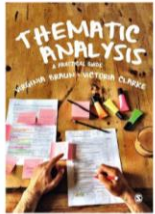


Figure 4: Initial themes from dataset

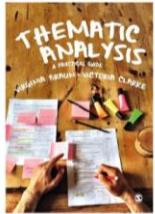


Six phases of reflexive thematic analysis

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- Your task is to assess the initial fit of your provisional themes and the viability of your overall analysis **by going back to the full dataset.**

- Development and review involves checking that the themes make sense in relation to the coded extracts, and then the full dataset.



Six phases of reflexive thematic analysis

- Phase 1 – Familiarising yourself with the dataset
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- Phase 6 – Writing up

- Here you will fine-tune your analysis - ensuring that each theme is clearly demarcated and is built around a strong core concept or essence.

- Key activities in this phase involve writing a brief synopsis of each theme.
- You also decide on a concise, punchy and informative name for each theme.

Example: Phase 5 - Refining, defining and naming themes

Table 3 – Final themes, subthemes and codes

Theme	Subtheme	Grouped Codes
Theme 1 "I HAVE THINGS TO OFFER" <i>Recognition of individual qualities, experiences and skills that shape identity, aspects of which affect their development of common skills thus far</i>	Being Me	• Being part of the LGBTQ community • Being a Young Carer • My ways of coping • My wellbeing
	At Home	• Positive family experiences • Challenging family experiences • Homelessness • Lockdown at home
	Common Skills and Independence	• Independence • Problem-solving for self • Perceptions of resilience • Evolving resilience • Challenges in building resilience • Developing common skills • Knowledge versus skills • Looking to the future
Theme 2	Community Interactions	• Broadcasting

What about QUALITY?



Quality in research... how trustworthy is your plan?

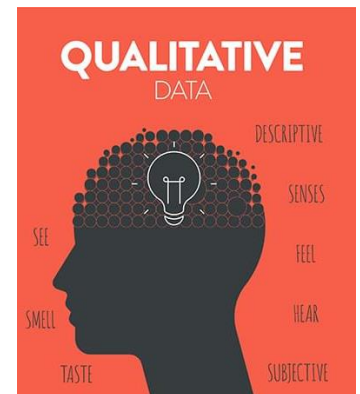
Quantitative research...

- Concerned with validity and reliability



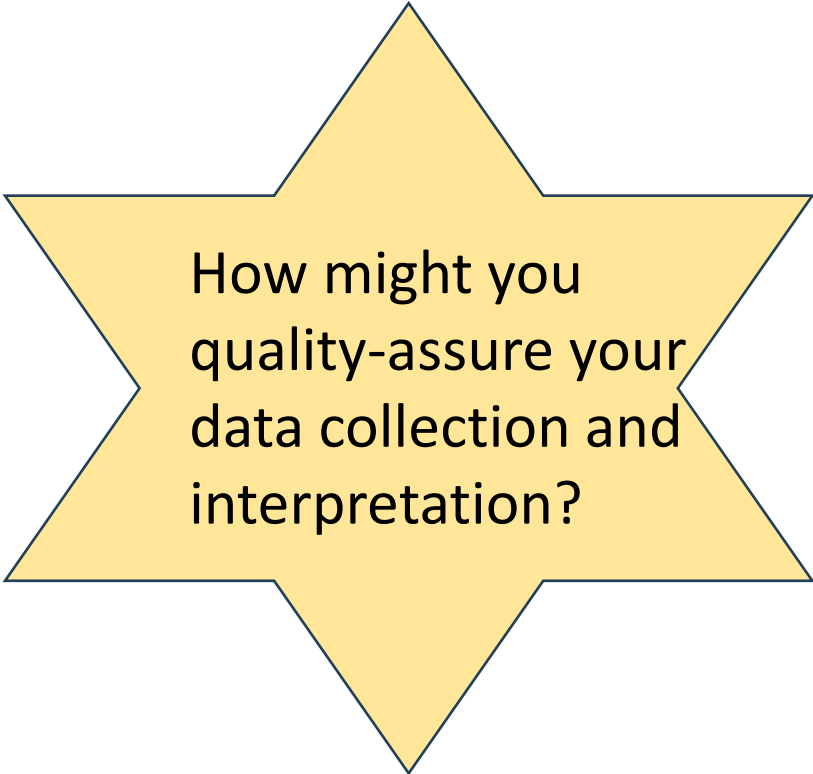
Qualitative research...

- Does not use instruments with established metrics about validity and reliability



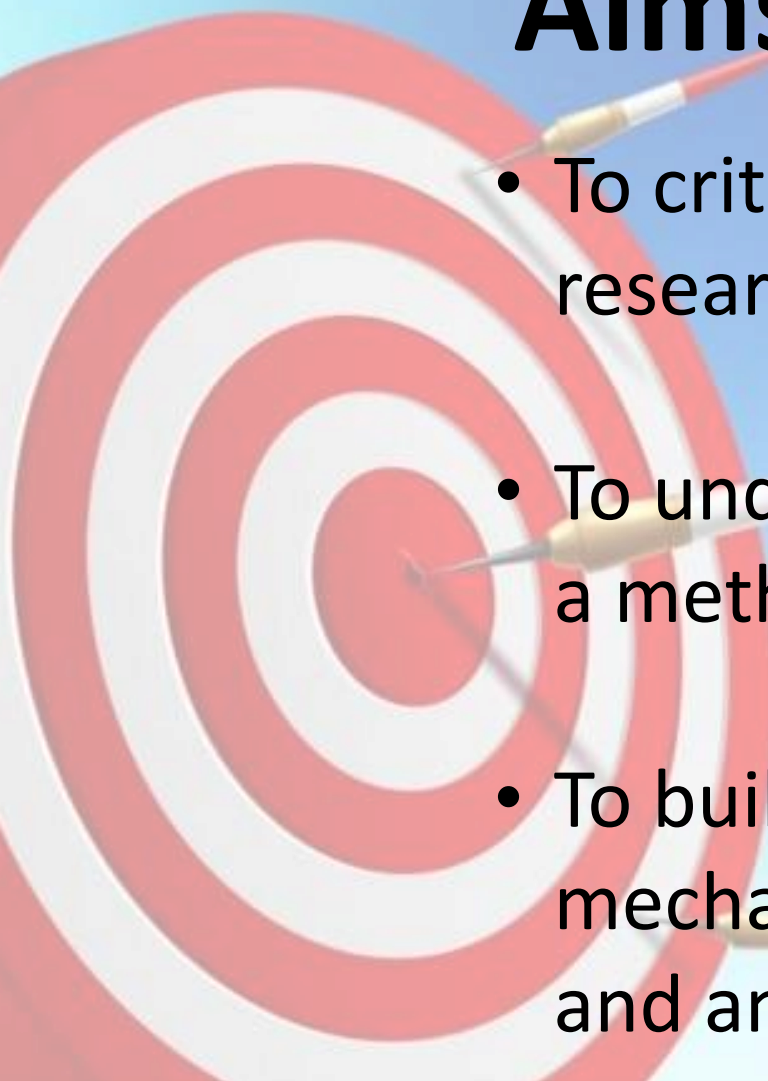
Qualitative research: How do you know your findings are true and accurate?

- Avoiding researcher bias – audit trail?
- Member checking
- Triangulation
- Thick description



How might you
quality-assure your
data collection and
interpretation?

Aims:

- 
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References

Braun, V and Clarke, V (2022). Thematic Analysis. A practical guide. London: Sage Publications Ltd.

Elliott, V (2023). Foundations of Educational Research. London: Bloomsbury

Gray, D (2018). Doing research in the real world. 4th edition. London: Sage Publications Ltd.

Monday 04/03/2024

Dr Paul Hutchings



STATISTICS