

Name : Aliya Zahoor

Student ID: 2516585

Research methods

1. What is qualitative research?

Answer: Qualitative research collects non-numerical data to understand people's experiences, opinions, and feelings. It usually uses interviews, focus groups, or observations.

Example: Interviewing nurses about their experiences of caring for elderly patients.

2. What is quantitative research?

Answer: Quantitative research collects numerical data and analyses it using statistics. It is used to measure results and compare data.

Example: Surveying 200 nurses to measure job satisfaction using a questionnaire.

3. What is mixed-methods research?

Answer: Mixed-methods research combines qualitative and quantitative methods to provide more complete and reliable results.

Example: Using questionnaires to collect numbers and interviews to understand participants' opinions.

4. What is primary data?

Answer: Primary data is original information collected directly by the researchers for their own study.

Example: Conducting interviews with care home staff.

5. What is secondary data?

Answer: Secondary data is information that has already been collected by other researchers or organisations.

Example: Using WHO reports or published journal articles.

6. Why is this research important?

Answer: This research helps improve healthcare services, supports evidence-based practice, and improves patient safety and quality of care.

Example: Research on staff communication can help reduce medical errors.

7. Why is Microsoft Excel suitable for staff scheduling?

Answer: Microsoft Excel is useful because it organises staff shifts, performs automatic calculations using formulas, and is easy to update.

Example: A nurse manager can create a weekly duty rota and automatically calculate total working hours.

8. What are the advantages of Microsoft Excel?

Answer: Excel is easy to use, affordable, saves time, organises data, and allows calculations using formulas.

Example: Conditional Formatting highlights staff who have worked too many hours.

9. What are the limitations of Microsoft Excel?

Answer: Excel can contain manual errors, requires basic training, and may be difficult for multiple users to edit at the same time without cloud sharing.

Example: If someone enters the wrong shift time, the rota becomes incorrect.

10. What is Harvard referencing?

Answer: Harvard referencing is a system used to acknowledge the books, journal articles, and websites used in academic work. It helps avoid plagiarism.

Example:

Creswell, J.W. (2018). Research Design. Sage Publications.