GROUP 1 CLASS ACTIVITY2

1. Identify the tools used to analyse qualitative, quantitative and mixed research method.

 List the tools to analyse data in research using qualitative research method.

 List the tools to analyse data in research using quantitative research method.

 List the tools to analyse data in research using mixed research method.

(explanation: the question asks you to identify only)

1. List the tools to analyse data in research using qualitative research method.

Interviews

Interviews could be used in the descriptive research method, because it could provide the opinions or observation from people. This tools could help researchers find a personal approach to analyze the non-verbal communication.

1. List the tools to analyse data in research using quantitative research method.

Surveys or Questionnaires.

Surveys are popular used in quantitative research method, they can provide numeric numbers and be analyzed using statistics. This tool is available to researchers and they are affordable, quantifiable. Furthermore, some online surveys tool enhances the process with the analyzing procedures and calculates or visualize the results with several minutes.

1. List the tools to analyse data in research using mixed research method.

Exploratory design: use interviews to collect start with a qualitative data collection or qualitative findings and then visualize the data or findings into quantitative way to gain insights.

2. Discuss and explain how each tool are used to analyse the data for research method.

- Based on answer in (1), discuss and explain how the tools are used in each of the research method (i.e. in qualitative, quantitative and mixed method)

In qualitative:

|  |  |
| --- | --- |
| Content analysis | Identify the key words, or paragraphs or themes |
| Discourse analysis | Identify the main themes; examine the way they are expressed |
| Relational analysis | Identify concepts |
| Inductive Research Approach |  |
| Combination deductive/ inductive approach |  |

In quantitative:

|  |  |
| --- | --- |
| Level of measurements | category type of questions, ordinal questions and continuous questions |
| Code the categories | allocate them a number or a group |
| Transfer the information | spreadsheet or statistical package |
| Strategy for analysis | linked it to your research question. |
| Category type questions | Frequency of a response using percentages |
| Continuous type questions | Measures of central tendency |
|  | Mean, median, mode |
|  | Dispersion or distribution |
| Bivariate analysis | Looking at pairs of questions how they interact or are different |
| Crosstabulation | Association between two category type question |
| Scatterplot | Continuous type questions |
| Inferential statistics | Making predictions |
| Category type question | Chi square |
|  |  |