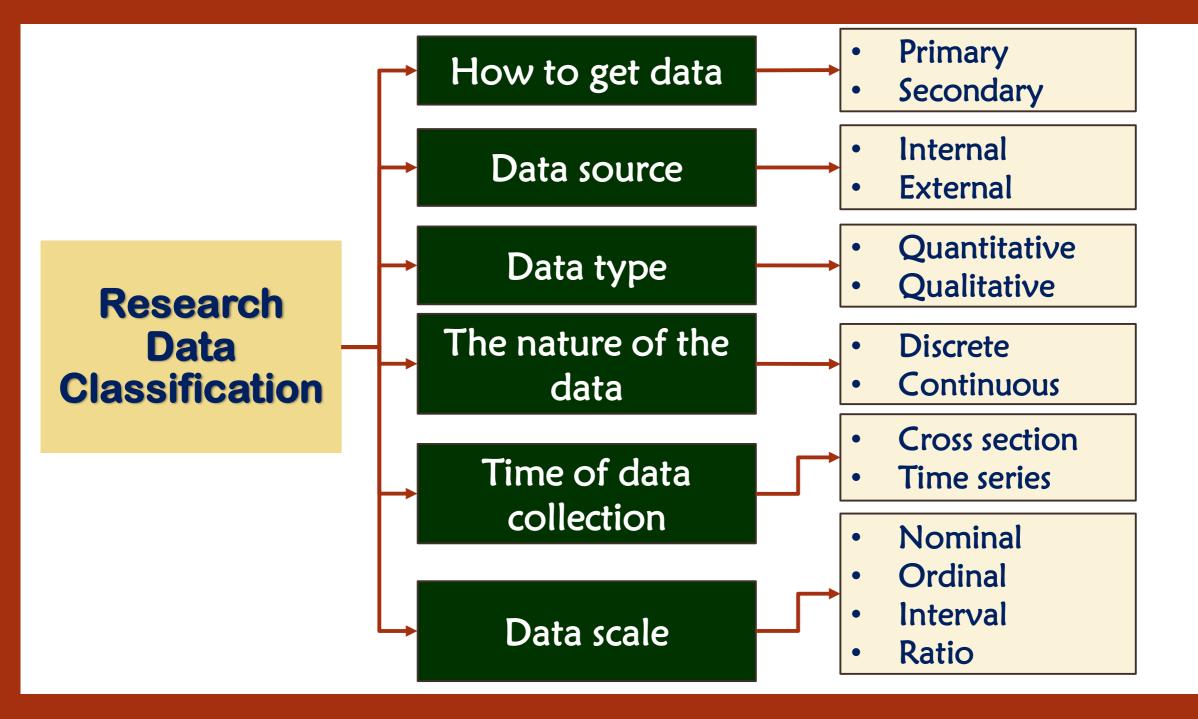
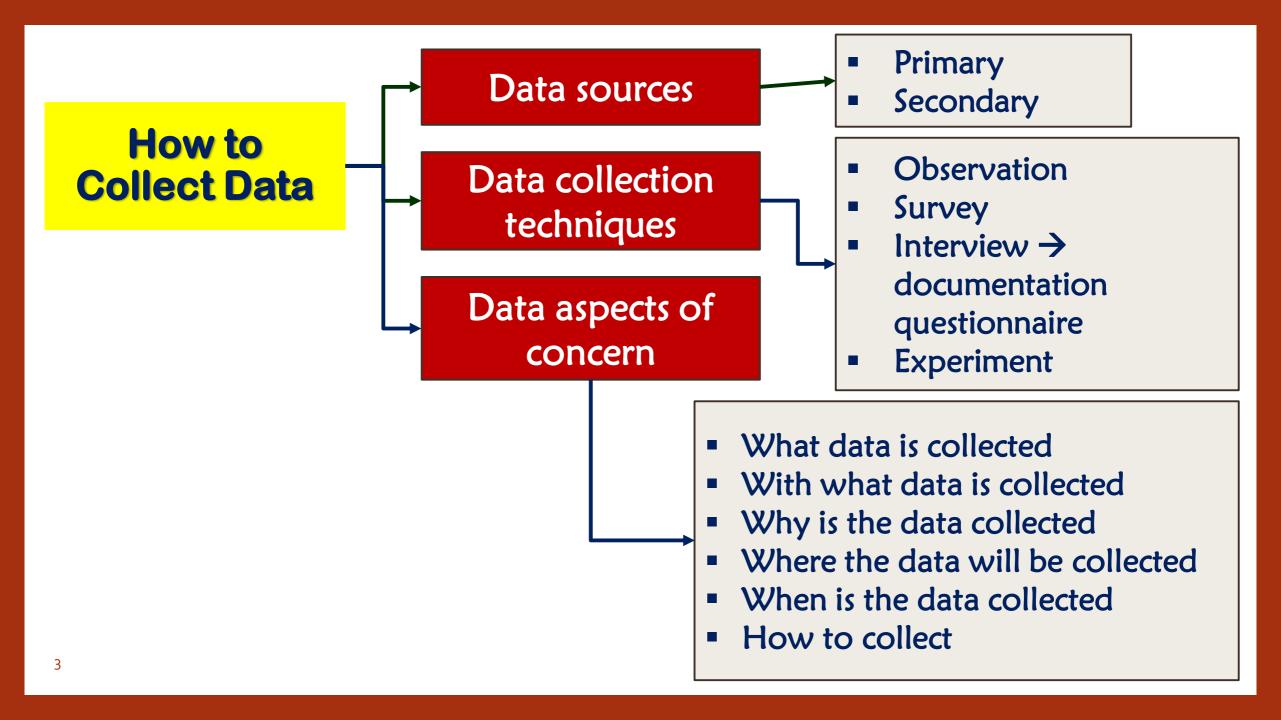
Research Data Collection Techniques

Dr. Febri Endra Budi Setyawan, dr., M.Kes., FISPH., FISCM

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Observation

Advantages:

- ✓ data obtained by uptodate (latest) → obtained from the circumstances happened at that time (during the event)
- ✓ data is more objective → closes the possibility of manipulation

• Weaknesses:

- ✓ takes a lot of time
- cannot be used for past and future data collection
- cannot be used to collect data relating to attitudes, motivation and behavior of respondents

Survey

Advantages:

- ✓ authentic, objective → data source (respondent) directly
- ✓ be applied to data collection in a broad scope
- ✓ in certain cases, it is efficient in the use of data collection time

Weaknesses:

- ✓ there is covert information → especially for information relating to
 the nature, motivation or behavior of respondents
- ✓ sometimes do not answer what they are but what should be
- ✓ too limited to certain answers
- ✓ often do not return questionnaires
- ✓ often the answers that are unwanted and do not appear as desired

Survey Preparation:

- Questionnaire design
- Test the questionnaire
- Questionnaire improvement
- Selection of respondents
- Implementation

Good Questionnaire Making:

- Clear instructions regarding the purpose of giving a questionnaire
- Clear instructions on how to fill out the questionnaire
- Using sentences that are easy to understand and not meaningful
- Avoiding questions that are unclear, unnecessary and irrelevant
- Avoid suggestive, pressing / threatening questions etc.
- Logical and systematic sequence of questions
- Keep the respondent's identity confidential so that the respondent is objective in answering



Interview

Type of interview:

- Unstructured interviews
- Semi-structured interviews
- Structured interviews

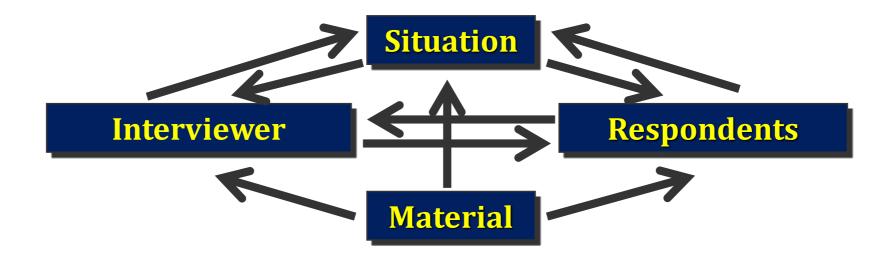
Three Keys to Successful Interviews

- 1. Prepare mentally
- 2. Attention to your verbal attitudes and abilities
- 3. Prepare important data / material

Preparation of Interview

- 1. Find a description for early information requirements
- 2. Determining individuals who will be interviewed / individual selection
- 3. Approach to target
- 4. Development of atmosphere to be current
- 5. Preparing the data collection tools
- 6. Make a visit / plan visit
- 7. Equipment preparation
- 8. Cost

Interview Components and Factors



Interview

Advantages:

- ✓ flexibility
- ✓ nonverbal behavior
- ✓ completenenss
- ✓ time of interview can be controlled

Weaknesses:

- ✓ high cost & big power
- ✓ interview schedule depends on the respondent
- ✓ the success of the interview depends on the skill of the interviewer
 in digging, recording and interpreting each answer

Experiment

• Advantages:

- ✓ data obtained is authentic, objective → comes from data sources obtained directly
- ✓ time of research can be controlled

• Weaknesses:

- ✓ special treatment of objects
- ✓ risk of failure is greater
- ✓ relatively larger costs
- ✓ research time is not flexible

Good Data Retrieval Technique



Thank you for your attention