

The background features abstract, overlapping green geometric shapes in various shades, including light lime green, medium green, and dark forest green. These shapes are primarily located on the left and right sides of the page, framing the central text. The overall aesthetic is clean and modern.

Questionnaires

Concept, aims and types of questionnaires

Concept:

- A method to collect data
- We are interested in the opinion or knowledge of persons regarding the object of our research

Objectives:

- Characterizing a phenomenon based on data obtained from the questionnaire
- Keeping or discarding a hypothesis → sets the direction of further research

Types:

- 1 occasion
- Repeated once
 - Repeated at any time
 - Repeated according to a schedule
- Repeated multiple times
 - Repeated with irregular intervals
 - Repeated with regular intervals

Tasks and stages of conducting a questionnaire study

1. Orientation, literature search, raise research questions
2. Determine basic concepts and indicators of the research topic
3. Decide:
 - ▶ number and characters of persons to be interviewed
 - ▶ method of filling in the questionnaire
4. Plan and set up the questionnaire
5. Distribute the questionnaire to collect answers
6. Date evaluation, draw conclusions

Questionnaires - possible mistakes

- ▶ Raising the problem: finding not the most important concepts, not the most appropriate **indicators**
- ▶ How to ask questions....
 - ▶ ... politely but effectively?
 - ▶ The question should not be too complicated or easy to misunderstand
 - ▶ Possible mistake: content, format, length of question
- ▶ Determining the population participating
- ▶ Questionnaire: e.g. not a logical order of questions, not the most important questions
- ▶ Other possible mistakes: e.g. site or time of questioning is not suitable, not pleasant atmosphere etc.

Indicators: characters of an issue that can be measured

Structure of a questionnaire

Introduction:

- ▶ Title of questionnaire
- ▶ Aims of the questionnaire
- ▶ Age, gender, profession, place of living of the person asked

Main part:

- ▶ Questions arranged in question groups

Final part:

- ▶ Option to provide his/her opinion, summarize thoughts related to questionnaire topic
- ▶ Saying thanks

Types of questions

According to aim of question:

- ▶ Main questions: from which we can draw conclusions
- ▶ Motivating questions: maintains the interest of the person filling in the questionnaire
- ▶ Complementary questions: not closely related to our main topic, discussing further aspects of the main questions

According to possible answers:

- ▶ Open question: free answers (number, length, content)
- ▶ Closed question: pre-formed answers (simple choice and multiple choice questions)
- ▶ Rank questions: things have to be arranged according to an order
- ▶ Questions on frequency, degree of preference

Types of questions

According to form:

- ▶ Wh-questions: e.g. Who....? What? Why....? When.....?
- ▶ Yes/No questions:
- ▶ Option: e.g. Do you prefer the chemical or biological method of water purification?

Possible answers for questions on:

- ▶ Frequency: never, rarely, sometimes, frequently, always
- ▶ Intensity: not at all, hardly, to a medium degree, substantially, very much
- ▶ Probability: no way, not likely, perhaps, quite possible, sure

Questions often appear in the form of a task (e.g. Choose....., Characterize....)