

Project Question

Sample (6)

A Small Statistical Project

Select a topic of interest for investigation. Design a questionnaire or observational checklist for data collection. Finally analyze the data and report the findings.

Requirements:

- The questionnaire or checklist should be concise, about 5 to 12 items, including items for subjects' demographic information.
- The sample should contain no less than 100 subjects for meaningful data analysis.
- Various methods of data collection can be used, such as: (1) The subjects fill in the questionnaire and then return it; (2) The pupils interview the subject and fill in the questionnaire for the subject; (3) The pupils design and use an observational checklist to record subjects' characteristics at a distance.
- Data should be analyzed with a computer. The raw data in electronic format should also be submitted.
- Data analysis should be done with simple statistical techniques, such as charts, tables, percentages, means, etc. All advanced techniques are prohibited.
- Good products should contain special findings, giving the reader a sense of surprise, originality, identity, etc.

Supplementary information:

Some research topics for the pupil's reference:

1. What are the characteristics of the clothes of the man in the street? Any gender, age, time or location differences?
2. Are the different measures of the body, such as height, weight, distance between the eyes, etc., interrelated in some way?
3. Are there any gender differences in attitude, opinion, interest, etc.?