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BSIT3B

Checking Research Papers and Their Methods of Data Collection

Task 1

Paper Title: "Factors influencing the high performance of IT staff"

Source/Link: https://pmc.ncbi.nlm.nih.gov/articles/PMC12215687/#Sec2

Type of Research: Qualitative analysis, an exploratory multi-case study

Data Collection Method(s) Used: Semi-structured face-to-face interviews with open-ended questions (audio recorded).

Brief Explanation:

The study used face-to-face, semi-structured interviews with open-ended questions to collect data from 33 employees across four IT companies. The interviews followed eight main questions and were recorded for accuracy. This method was chosen because it gave structure while allowing flexibility to explore new ideas, capture different perspectives, and reduce bias by including employees from different roles.

The interviews provided detailed insights into what helps or hinders performance at both individual and team levels. The answers were analyzed and grouped into five main areas: management and leadership, work environment, emotions, work habits, and personality traits. These themes formed the basis of the study's findings.