

What Is Quantitative Analysis

[#quantitative analysis](#) [#data analysis methods](#) [#statistical analysis](#) [#quantitative research](#) [#numerical data interpretation](#)

Quantitative analysis is a systematic approach to studying phenomena by collecting and analyzing numerical data. This method employs statistical, mathematical, and computational techniques to identify patterns, relationships, and make predictions, providing objective insights for informed decision-making across various industries.

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What Is Quantitative Analysis

Quantitative research is a research strategy that focuses on quantifying the collection and analysis of data. It is formed from a deductive approach where... 17 KB (2,189 words) - 03:32, 21 February 2024
analysis. Quantitative content analysis highlights frequency counts and statistical analysis of these coded frequencies. Additionally, quantitative content... 32 KB (3,496 words) - 19:33, 21 February 2024
geography through the collection and analysis of quantifiable data. The approach quantitative geographers take is generally in line with the scientific... 19 KB (2,346 words) - 21:26, 11 March 2024
Elemental analysis can be qualitative (determining what elements are present), and it can be quantitative (determining how much of each is present). Elemental... 8 KB (773 words) - 18:12, 21 January 2024

Developed by Tragon Corporation in 1974, Quantitative Descriptive Analysis (QDA) is a behavioral sensory evaluation approach that uses descriptive panels... 5 KB (607 words) - 03:03, 4 January 2024
of constraints from fixed-response questions found in quantitative studies. Thematic analysis is sometimes erroneously assumed to be only compatible with... 60 KB (7,489 words) - 05:18, 7 February 2024
resources like energy and time. Analytics is the "extensive use of data, statistical and quantitative analysis, explanatory and predictive models, and fact-based... 86 KB (9,525 words) - 05:12, 7 March 2024

Bivariate analysis is one of the simplest forms of quantitative (statistical) analysis. It involves the analysis of two variables (often denoted as X, Y)... 8 KB (926 words) - 11:04, 22 December 2023
Gravimetric analysis describes a set of methods used in analytical chemistry for the quantitative determination of an analyte (the ion being analyzed)... 22 KB (2,986 words) - 19:03, 30 March 2023
former focuses, in addition to analysis, on building tools of implementation for the models. Also related is quantitative investing, which relies on statistical... 23 KB (2,425 words) - 07:48, 13 January 2024
research is research conducted by social scientists following a systematic plan. Social research methodologies can be classified as quantitative and qualitative... 21 KB (2,582 words) - 23:52, 31 December 2023

A quantitative trait locus (QTL) is a locus (section of DNA) that correlates with variation of a quantitative

trait in the phenotype of a population of... 35 KB (4,023 words) - 18:46, 5 February 2024

question is "a question that a research project sets out to answer". Choosing a research question is an essential element of both quantitative and qualitative... 39 KB (4,321 words) - 06:10, 15 January 2024

description and analysis of these processes. It includes evaluative aspects by comparing different methods. This way, it is assessed what advantages and... 95 KB (10,809 words) - 17:48, 18 March 2024

SWOT analysis (or SWOT matrix) is a strategic planning and strategic management technique used to help a person or organization identify Strengths, Weaknesses... 46 KB (4,769 words) - 13:09, 18 February 2024

chemical compound (qualitative analysis), to identify the proportions of components in a mixture (quantitative analysis), and to break down chemical processes... 22 KB (2,509 words) - 19:33, 14 March 2024

Quantitative marketing research is the application of quantitative research techniques to the field of marketing research. It has roots in both the positivist... 11 KB (1,367 words) - 05:12, 7 November 2023

and action items. It is sometimes believed that the application of decision analysis always requires the use of quantitative methods. In reality, however... 27 KB (3,216 words) - 14:21, 23 January 2024

semi-quantitative in nature. A simple element of risk quantification is often introduced in the form of a risk matrix, as in preliminary hazard analysis (PreHA)... 3 KB (356 words) - 05:05, 6 February 2024

(also known as titrimetry and volumetric analysis) is a common laboratory method of quantitative chemical analysis to determine the concentration of an identified... 40 KB (4,669 words) - 10:44, 27 February 2024