

# Analysis

Is the process of breaking a complex topic or substance into smaller parts to gain a better understanding of it. The technique has been applied in the [study](#) of mathematics and logic since before Aristotle (384–322 B.C.), though analysis as a formal concept is a relatively recent development.

The word comes from the Ancient Greek ἀνάλυσις (analysis, “a breaking up”, from ana- “up, throughout” and lysis “a loosening”).

As a formal concept, the method has variously been ascribed to Alhazen, René Descartes (Discourse on the Method), and Galileo Galilei. It has also been ascribed to Isaac Newton, in the form of a practical method of physical discovery (which he did not name).

## Biomarker analysis

[Biomarker analysis](#).

## Gene expression analysis

[Gene expression analysis](#)

## Statistical analysis

[Statistical analysis](#)

## Enrichment Analysis

[Enrichment Analysis](#)

## Risk Analysis Index

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## Molecular analysis

[Molecular analysis](#)

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