A Data Analyst interprets data and turns it into information which can offer ways to improve a business, thus affecting business decisions. Data Analysts gather information from various sources and interpret patterns and trends – as such a Data Analyst job description should highlight the analytical nature of the role. Once data has been gathered and interpreted, the Data Analyst will report back what has been found in a comprehensive study to the wider business/relevant colleagues.

## Data Analyst duties and responsibilities of the job

Data Analysts often make recommendations about the methods and ways in which a company obtains and analyses data to improve quality and the efficiency of data systems. A Data Analyst job description should include, but not be limited to:

* Collecting and interpreting data
* Analysing results
* Reporting the results back to the relevant members of the business
* Identifying patterns and trends in data sets
* Working alongside teams within the business or the management team to establish business needs
* Defining new data collection and analysis processes

## Data Analyst job qualifications and requirements

A degree in the following subjects is beneficial in developing a career in data analysis:

* Mathematics
* Computer Science
* Statistics
* Economics

There are also a number of qualities to expect from a candidate to flourish in a Data Analyst role:

* Experience in data models and reporting packages
* Ability to analyse large datasets
* Ability to write comprehensive reports
* Strong verbal and written communication skills
* An analytical mind and inclination for problem-solving
* Attention to detail