

Data Analysis, Analytics Goal and Approach

Data Analysis helps the business to understand problems facing an organization, and explore data in meaningful ways.

As a Data Analyst you will collect data, organize, interpret, structure, and present the data into useful information to provide business context.

Data science is a multi disciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data.

Statistics is Heart of Analytics

Data Analysis is required in business for the following reasons.

- Understand business direction and objectives
- Explore the meaning behind the numbers and figures in data
- Analyze the causes of certain events based on data findings
- Contribute to business decision making by offering educated opinions

Data Analysis Steps:

1. Define the problem
2. Get relevant data
3. Draw Hypothesis
4. Size the problem
5. Get it vetted!
6. Do RCA
7. Get it vetted!
8. Design Solution as required

Types of Data Analysis:

