# Introduction: Data Visualisation

Welcome to the session on 'Introduction to Data Visualisation'.

## In this session

Let's begin this session by understanding how data visualisation can add value to the information you want to convey. Graphics and visuals, if used intelligently and innovatively, can convey a lot more than what raw data alone can convey. You will learn about the pre-attentive and attentive attributes, which are the differentiating factors in making your visuals interesting for the reader.

Next, we will delve deeper into the different types of charts such as:

1. Line chart
2. Bar chart
3. Histogram
4. Pie chart
5. Stacked bar chart
6. Scatter plot
7. Box plot
8. Grouped bar chart

You will learn about the utility and limitations of these different types of charts.

## Guidelines for in-module questions

The in-video and in-content questions for this module are not graded. There are no graded questions for this session.

## People you will hear from in this session

#### ****Subject Matter Expert****

[Chandrashekar Ramanathan](https://www.iiitb.ac.in/faculty_page.php?name=ChandrashekarRamanathan" \t "https://learn.upgrad.com/v/course/303/session/26913/segment/_blank)

Professor & Dean (Academics), IIIT- B

The International Institute of Information Technology, Bangalore, also known as IIIT-B, is one of India's foremost graduate schools. Through its Integrated M.Tech., M.Tech., M.S. (Research) and PhD programs in the IT space, it focuses equally on innovation and education.

#### ****Industry Expert****

[S. Anand](https://www.linkedin.com/in/sanand0" \t "https://learn.upgrad.com/v/course/303/session/26913/segment/_blank)  
Chief Data Scientist, Gramener

Gramener is a data visualisation and analytics company. Founded in 2010 by Ex-IBM and BCG leaders, it addresses the essential need of making the "consumption" of data simple, rapid and coherent across organisations.

#### ****Presenter****

Rohit Sharma