



# FOUNDATION OF DATA SCIENCE

## TOPIC 1

ANITYA GUPTA

# MY JOURNEY (INDIA + USA)

DRDO – India

Vidhan Sabha - Distinguish Scientist

Dell, Internshala, Mozilla – India

Illinois, Chicago

Toptal

Non-Profit Organizations – California

GOI

# REQUIREMENTS

2  
Assignments

3 Quizzes

Exam

# WHAT IS DATA SCIENCE



It is a process not the event where we use the data to understand different things.



Art of uncovering the insights and trends that are hiding behind the data.



Attempt to work with data, to find answers to questions that they are exploring. In a nutshell, it's more about data than it is about science.



# FUNDAMENTALS OF DATA SCIENCE

Many resources like social media, log files, sensor data, emails provides semi structured data, and we need computing power to make useful analysis and reveals new knowledge.

Data scientists use data analysis to add to the knowledge of the organization by investigating data, exploring the best way to use it to provide value to the business.

# PROCESS OF DATA SCIENCE

