



# **SNS COLLEGE OF TECHNOLOGY**

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)

COIMBATORE-641 035, TAMIL NADU



**COURSE NAME : 19CSE301-INTRODUCTION TO DATA SCIENCE**

**III YEAR/ V SEMESTER**

**UNIT – I DATA SCIENCE LIFE CYCLE**

**Topic: Applying data science**

Ms.B.Sumathi

Assistant Professor

Department of Computer Science and Engineering



# Introduction

- An Applied Data Scientist, simply put, is someone who **studies the data** (i.e. data science) with the aim of providing **actionable solutions** to business problems by applying theoretical conceptual frameworks and algorithms on the underlying data.
- The data science sector applied in health care, Education, finance, banking, manufacturing and social media.



# List of Area

- **Business analytics**
- **Business logistics, including supply chain optimization**
- **Finance**
- **Health, wellness, & biomedicine**
- **Bioinformatics**
- **Natural sciences**
- **Information economy / Social media and social network analysis**
- **Smart cities**
- **Education and electronic teaching**
- **Energy, sustainability and climate**



# References

- Tom M. Mitchell, “Machine Learning”, McGraw-Hill Education (India) Private Limited, 2013.



Thank  
You