



# SNS COLLEGE OF TECHNOLOGY

Coimbatore-37.

An Autonomous Institution



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

**III YEAR/ V SEMESTER**

**UNIT – III**

**Topic: Handling Large data in single computer**

Ms. G.Swathi

Assistant Professor

Department of Computer Science and Engineering

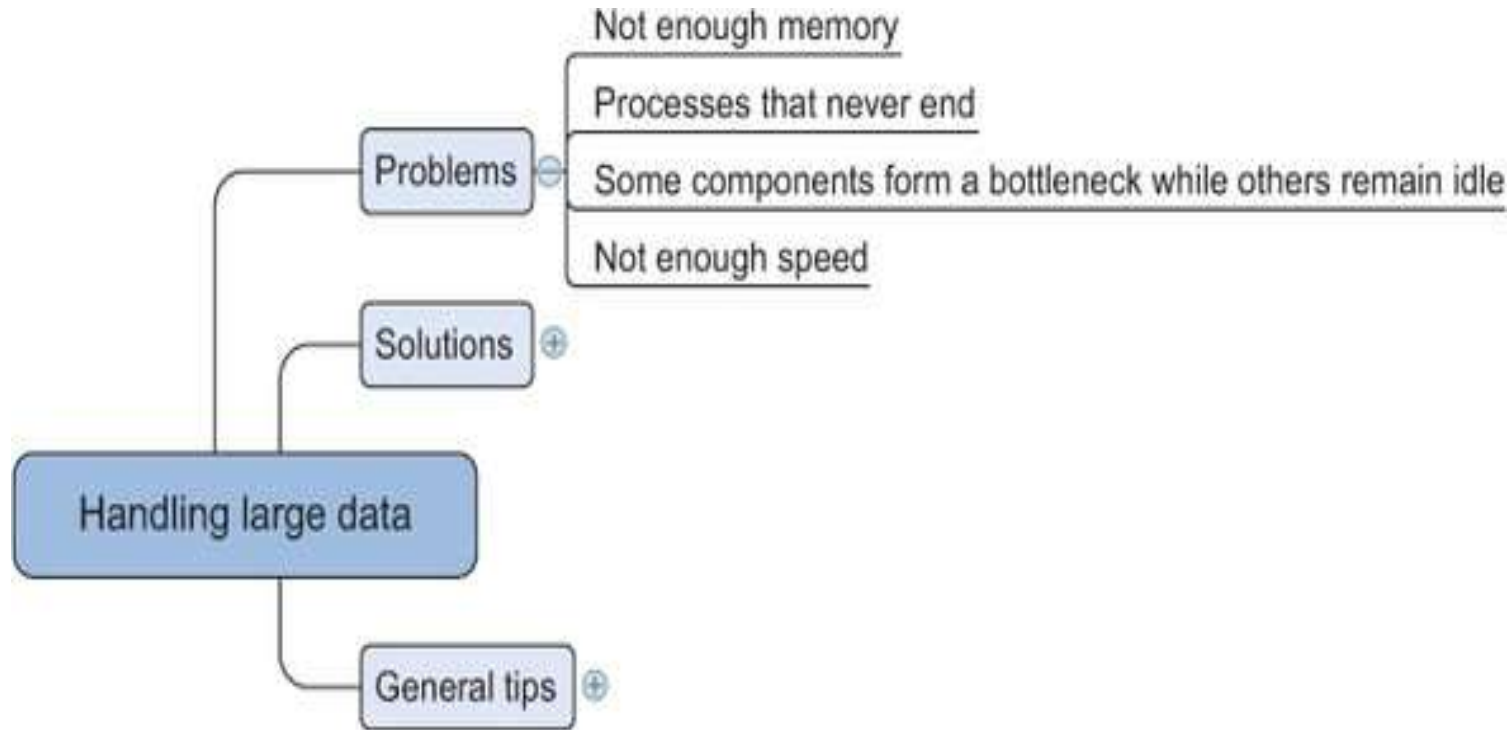


# Introduction

- To perform the classifications and regressions when the data no longer fits into the RAM (random access memory) of your computer, whereas focused on in-memory data sets.
- **The problems you face when handling large data**
- **General techniques for handling large volumes of data**
- **Choosing the right algorithm**

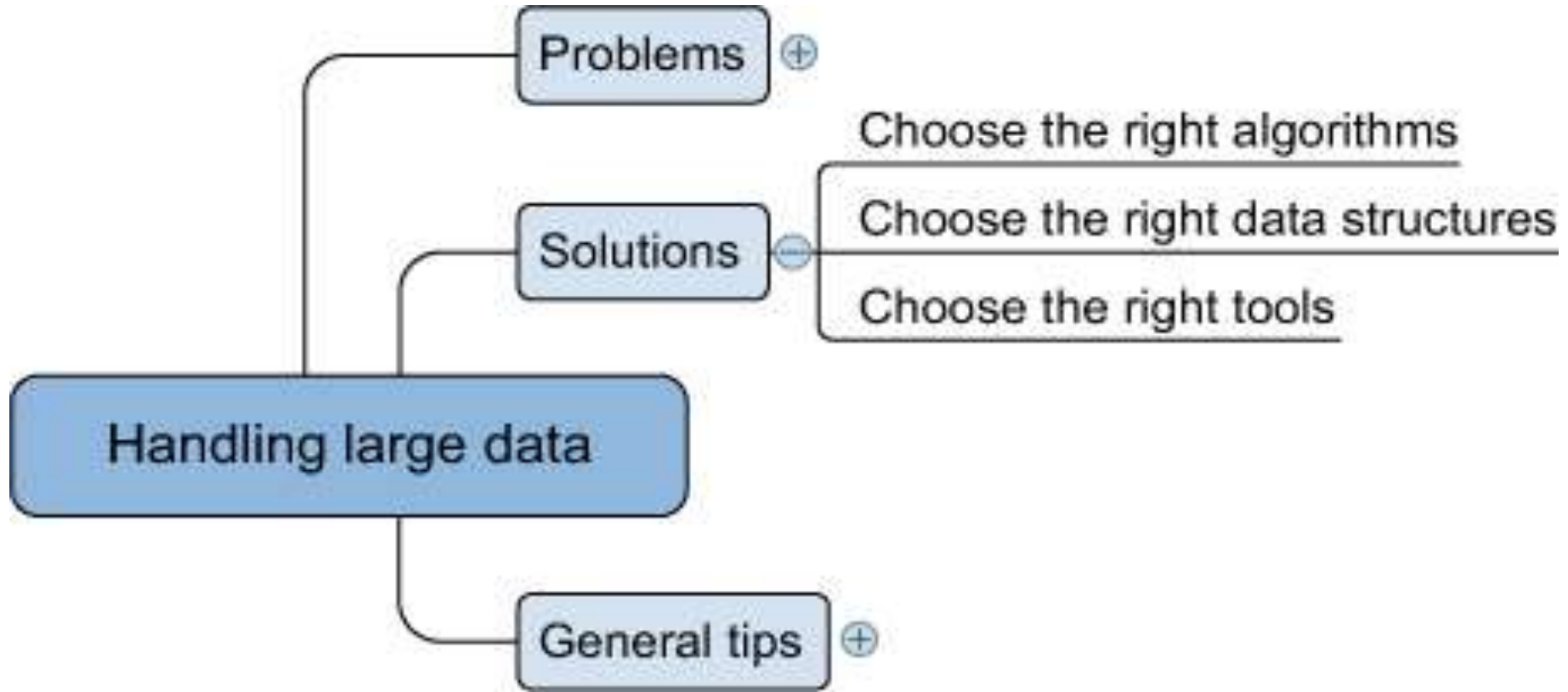


# Problem in Handling large data



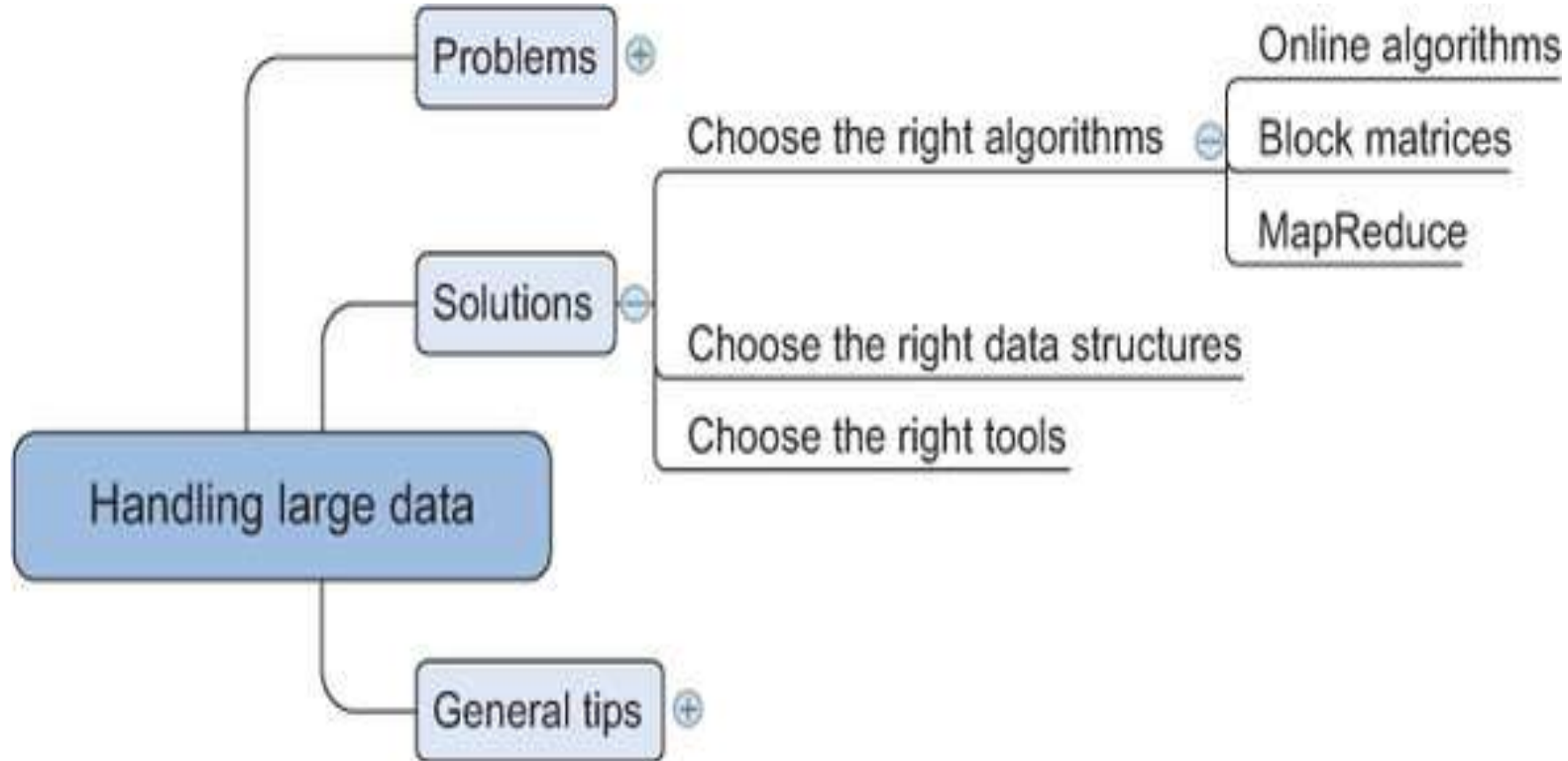


# Solution for handling large data





# Algorithm





# References

- Tom M. Mitchell, “Machine Learning”, McGraw-Hill Education (India) Private Limited, 2013.
- Gareth James, Daniela Witten, Trevor Hastie, Robert Tibshirani, “An Introduction to Statistical Learning: with Applications in R”, Springer; First Edition 2013.



Thank  
You