

## **String and Text processing:**

### **Pattern matching algorithms:**

Brute force pattern matching algorithm

The Boyer – Moore algorithm

The Knuth – Morris – Pratt algorithm

### **Text Compression**

The Huffman coding algorithm

The Greedy method for text compression

**Tries:** Standard Tries, Compressed Tries and Suffix Tries

Note:

Reference Book is **Data Structures and Algorithms in Python - Michael T. Goodrich, Roberto Tamassia, and Michael H. Goldwasser. John Wiley & Sons.** (Chapter 13)