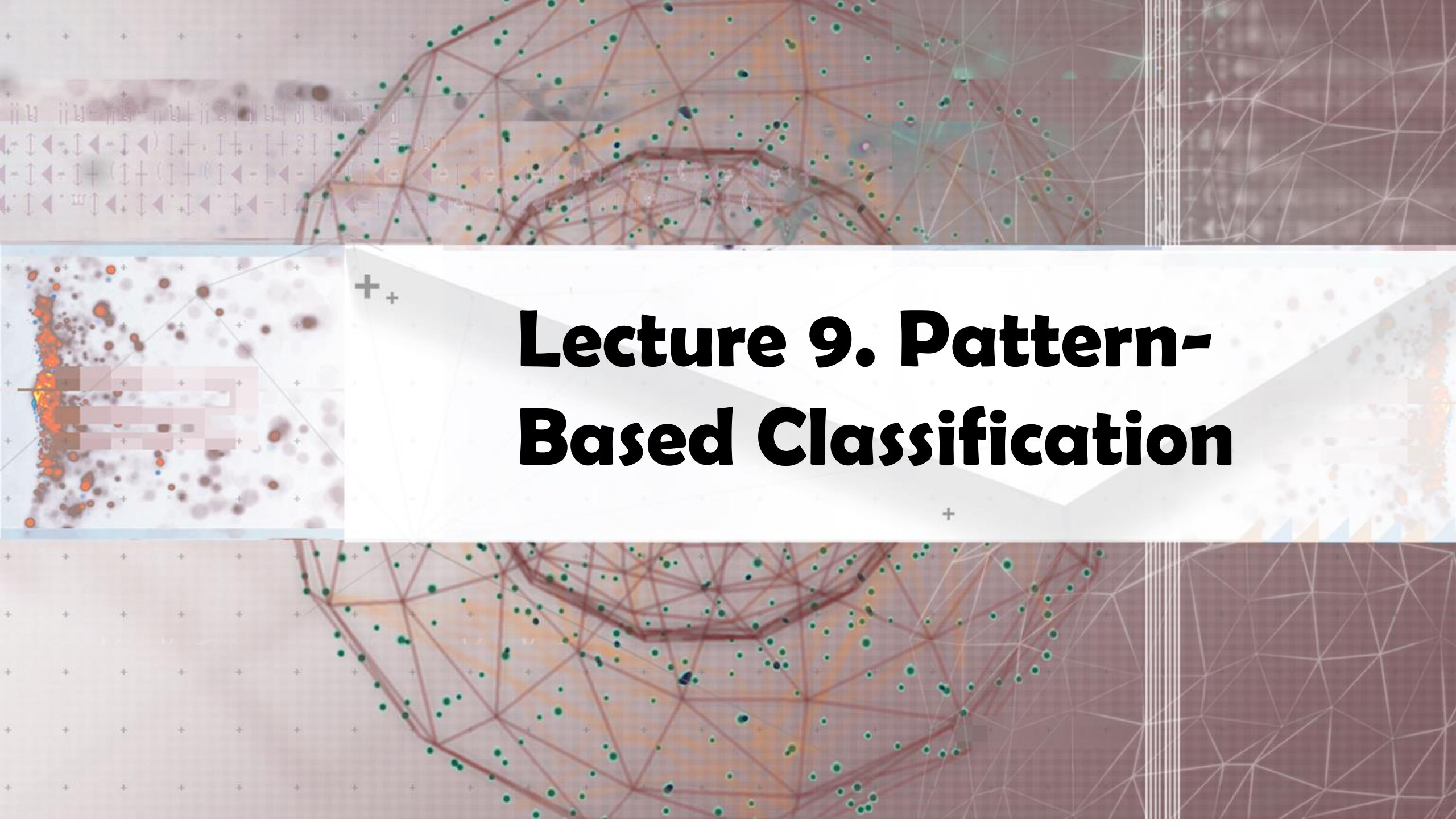
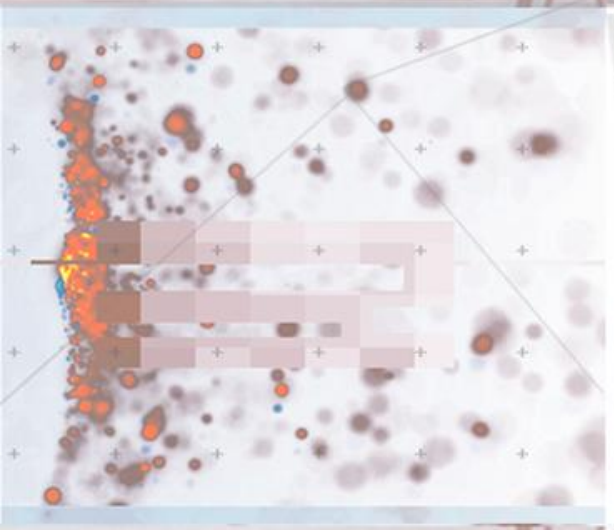


Lecture 9. Pattern-Based Classification

Lecture 9. Pattern-Based Classification

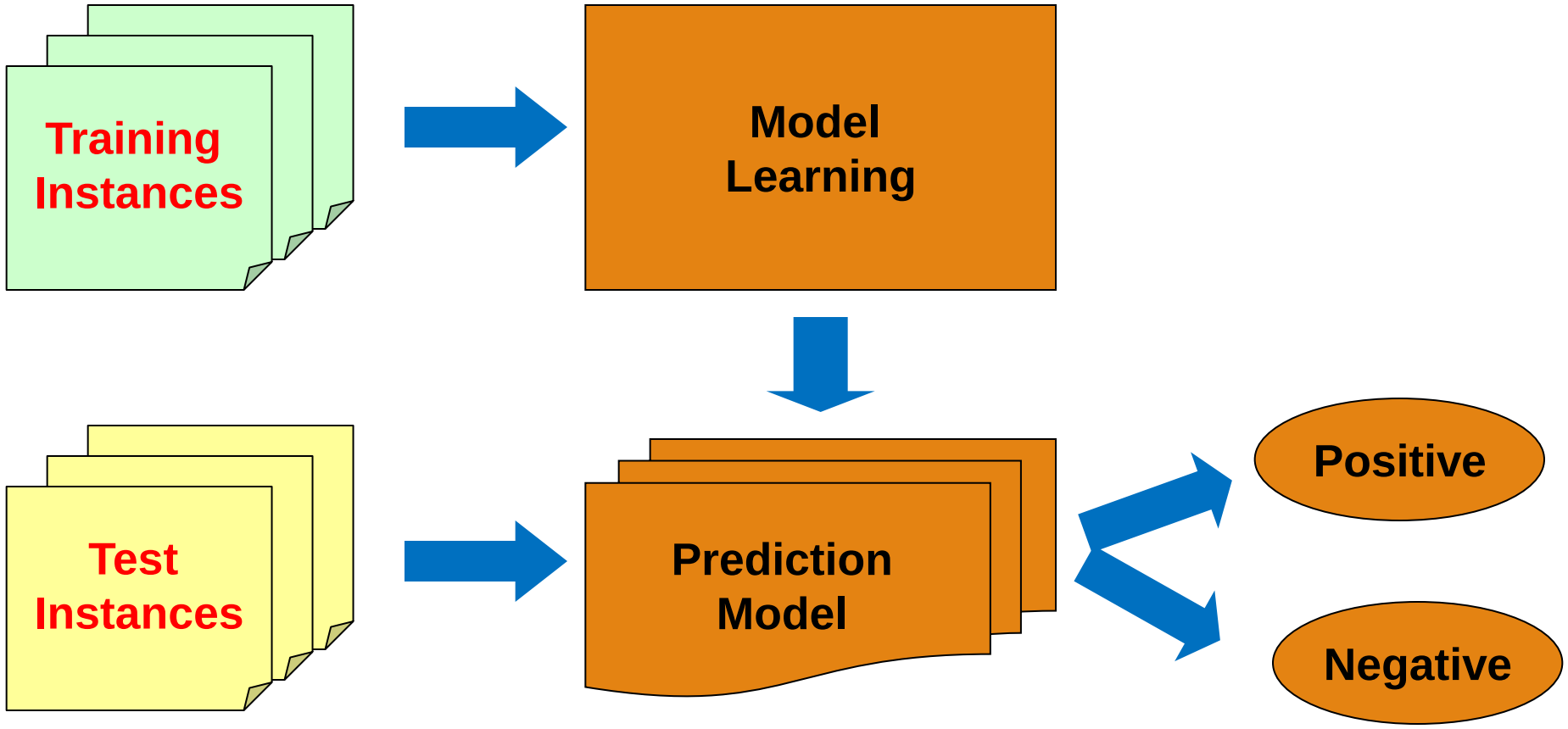
- Classification: Basic Concepts
- Pattern-Based Classification
- Associative Classification
- Discriminative Pattern-Based Classification
- Direct Mining of Discriminative Patterns

Thanks to Hong Cheng@CUHK for her contributions

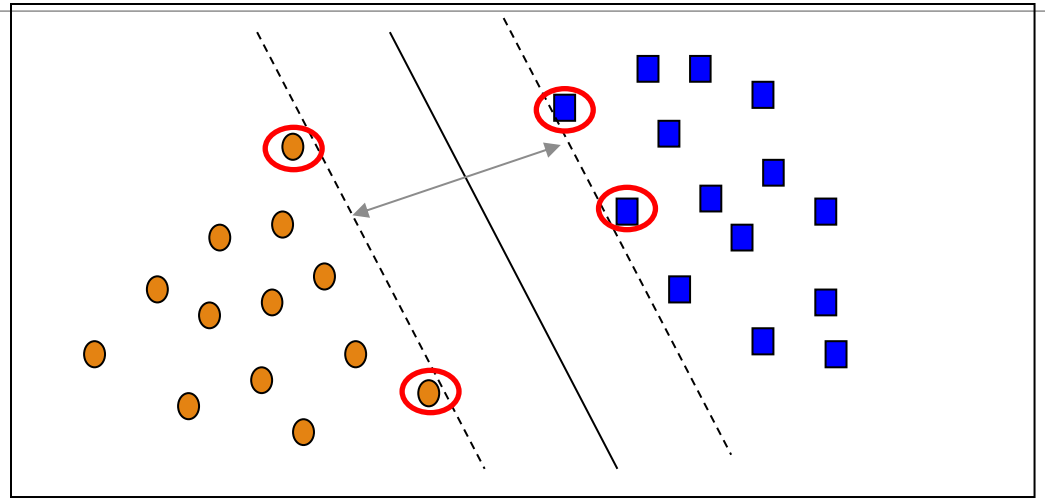


Session 1. Classification: Basic Concepts

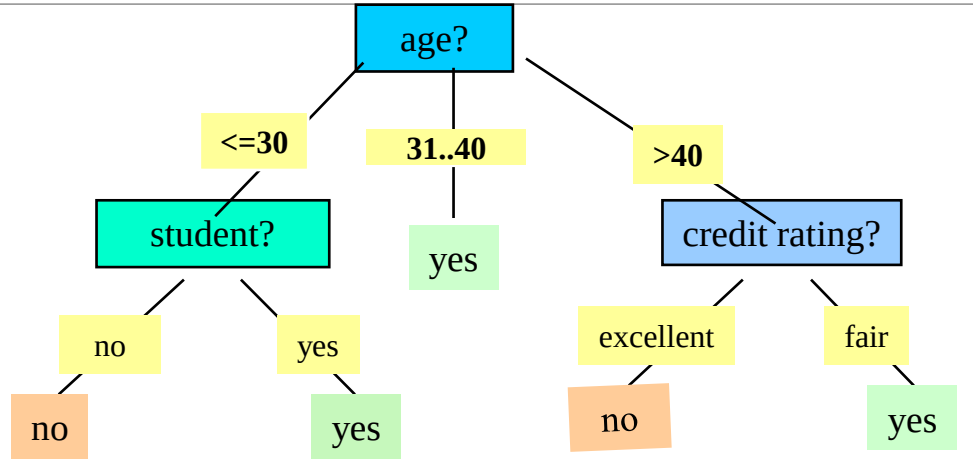
What Is Classification?



Typical Classification Methods

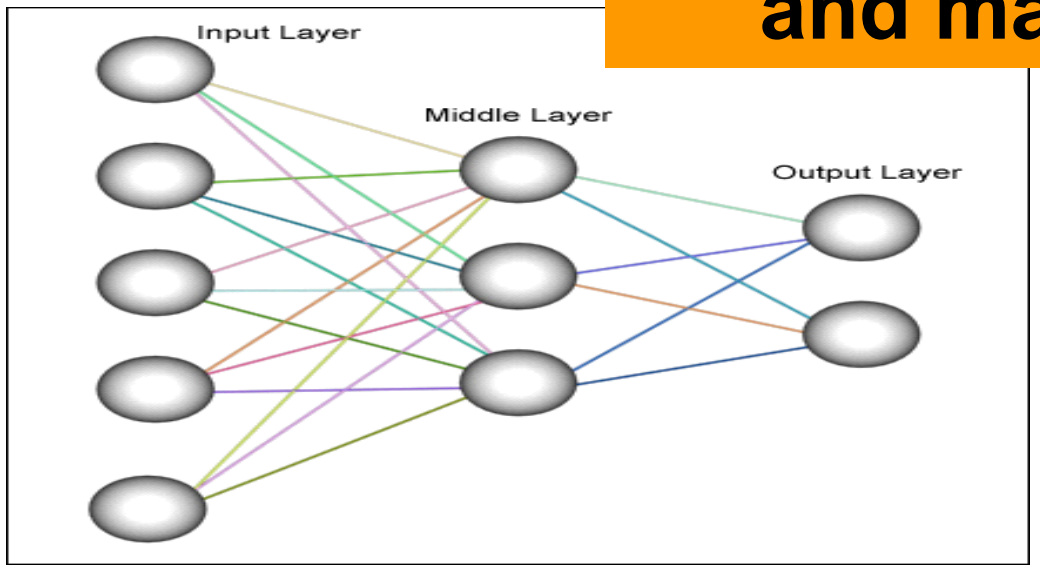


Support Vector Machi

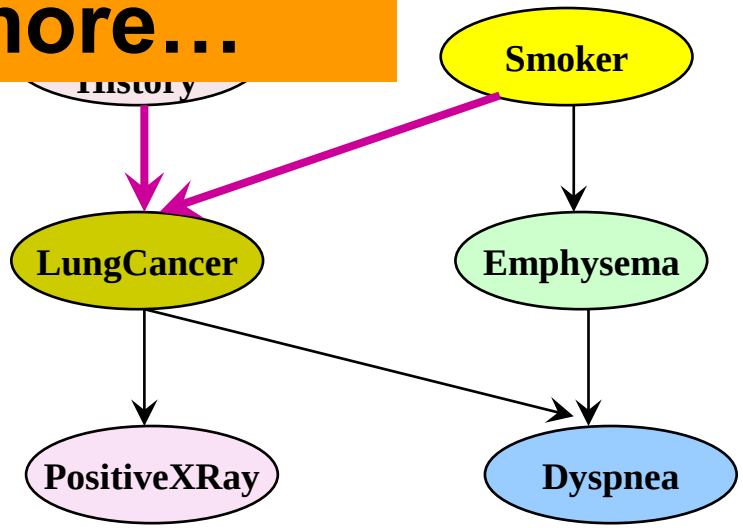


Decision Tree

and many more…

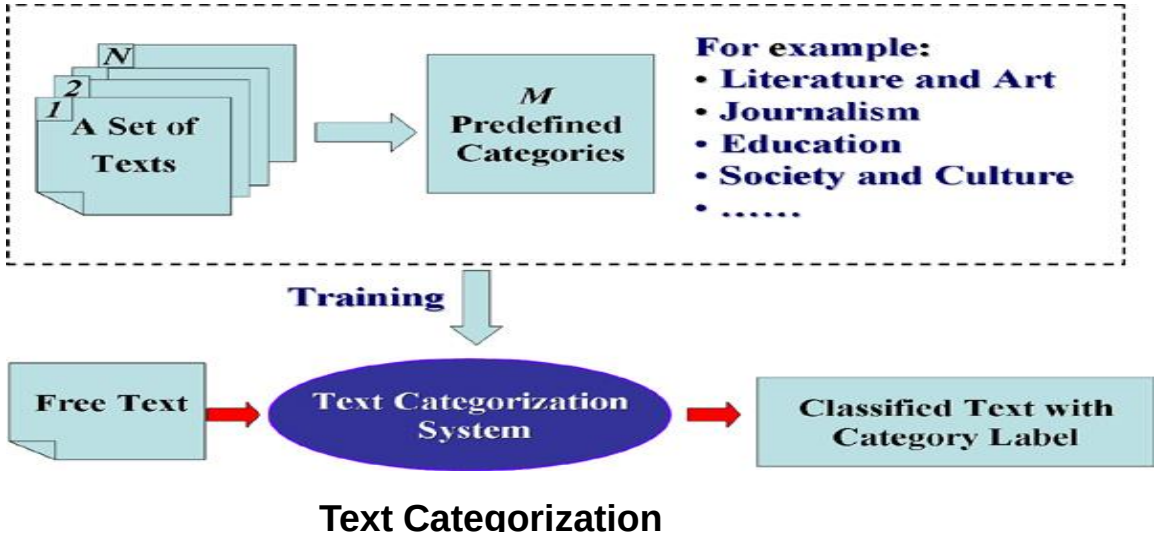


Neural Network

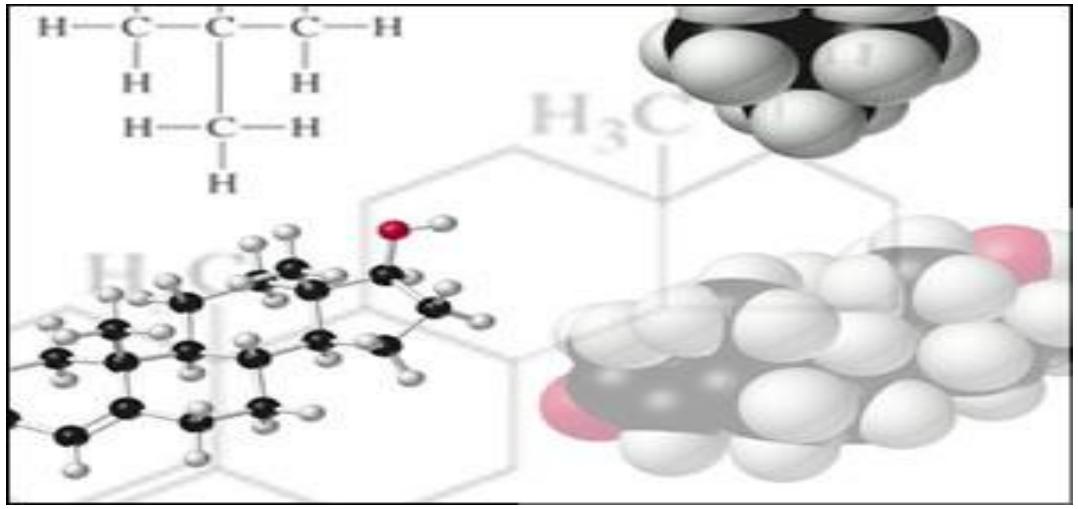


Bayesian Network

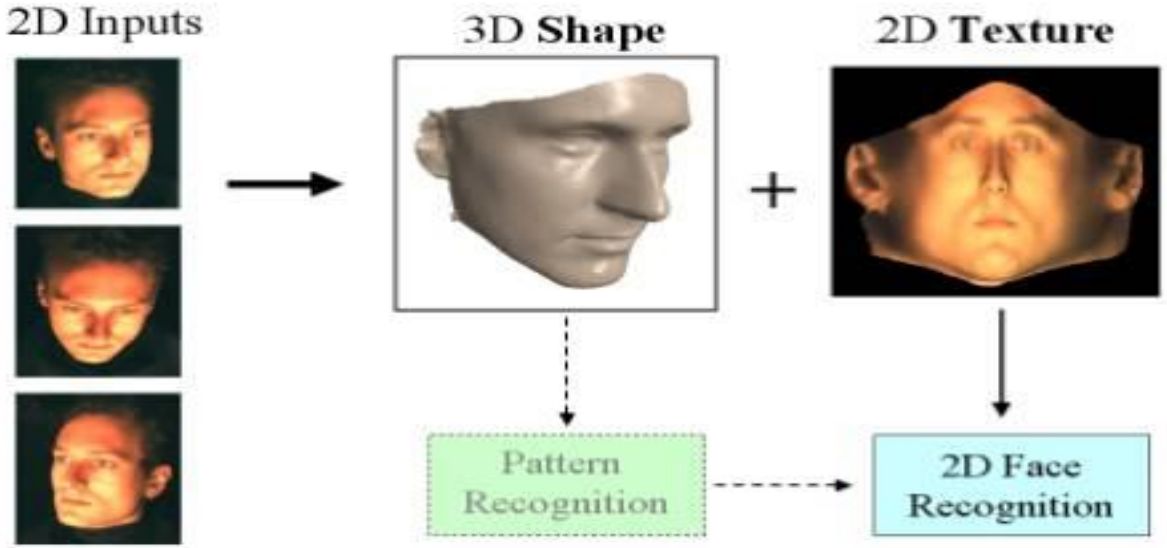
Numerous Classification Applications



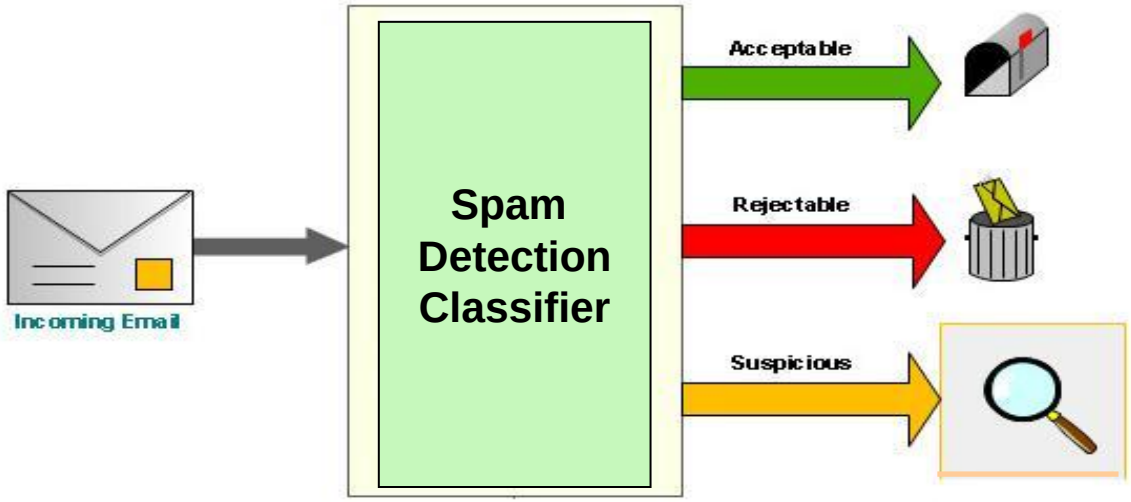
Text Categorization



Drug Design



Face Recognition



Spam Detection