

Level Control

☒ Level Slicer

0 9

Visible Levels:

Concept List

artificial intelligence

- ☒ machine learning techniques
- ☒ natural language understanding
- ☒ text processing
- ☒ support vector machines
- ☒ sql
- ☒ adaptive dynamic programming
- ☒ svm
- ☒ ocr

computer vision

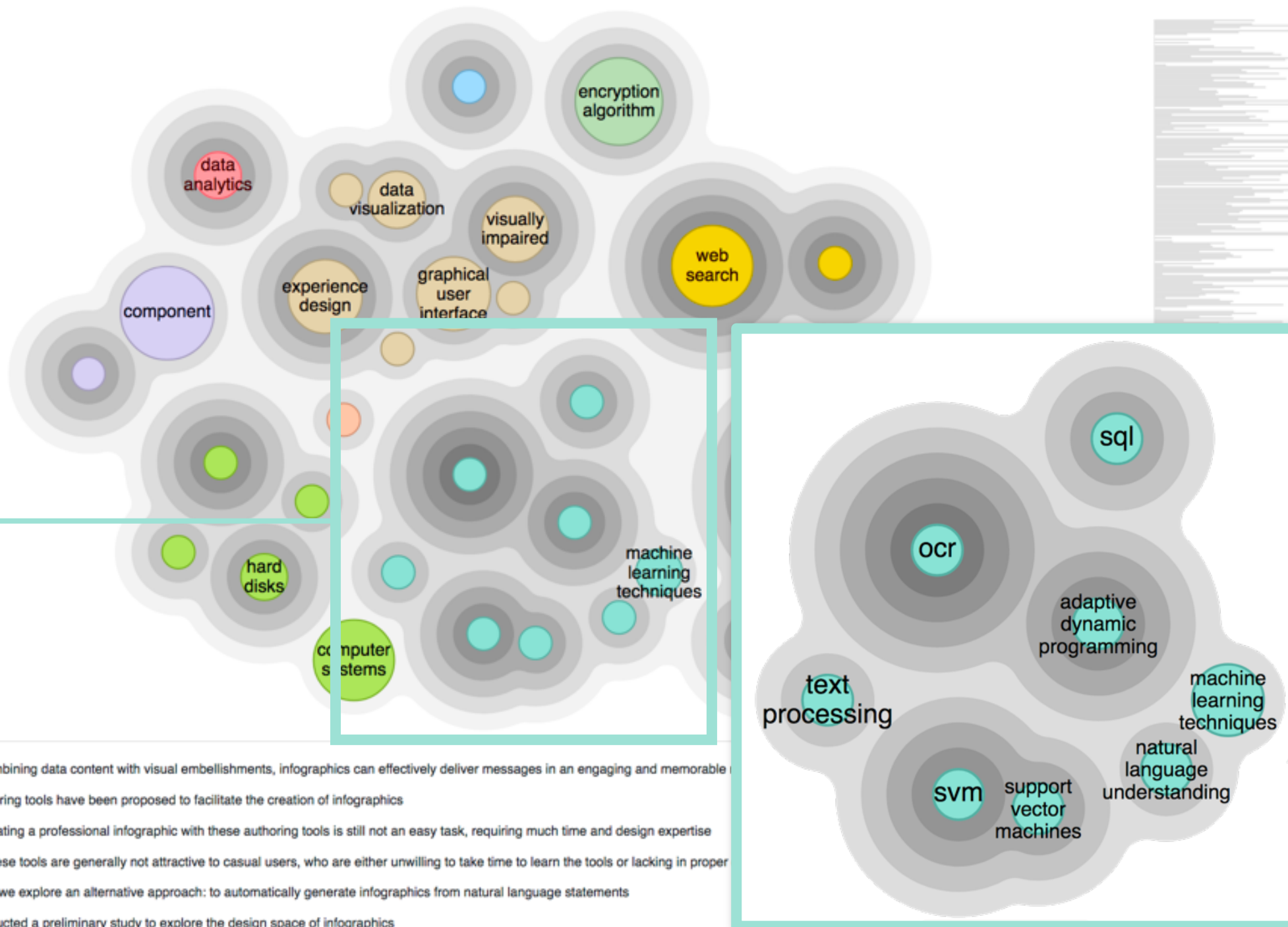
- ☒ visual communication
- ☒ tidal flow

computer security

- ☒ encryption algorithm

X

paper-vis



- 0 Abstract: Combining data content with visual embellishments, infographics can effectively deliver messages in an engaging and memorable
- 1 Various authoring tools have been proposed to facilitate the creation of infographics
- 2 However, creating a professional infographic with these authoring tools is still not an easy task, requiring much time and design expertise
- 3 Therefore, these tools are generally not attractive to casual users, who are either unwilling to take time to learn the tools or lacking in proper
- 4 In this paper, we explore an alternative approach: to automatically generate infographics from natural language statements
- 5 We first conducted a preliminary study to explore the design space of infographics
- 6 Based on the preliminary study, we built a proof-of-concept system that automatically converts statements about simple proportion-related statistics to a set of infographics with pre-designed styles