

The background of the slide is a complex, abstract composition. It features a dark, reddish-brown base with a network of thin, light-colored lines forming a web-like structure. Scattered throughout are small, colorful dots in shades of green, blue, and orange. On the left side, there is a vertical strip with a grid of small, light-colored squares. In the center, a large, white, angular shape points downwards, serving as a backdrop for the title text. The overall aesthetic is technical and data-oriented.

# **1.1: A Brief Introduction to Data Mining In-Lecture Question**

# Question

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Which of the following are considered to be data mining tasks? Check all that apply.

- ☐ Data normalization
- ☐ Association and correlation
- ☐ Multi-dimensional data summary
- ☐ Data retrieval
- ☐ Outlier analysis

# Question

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☒ **Answers:** Association and correlation, Multi-dimensional data summary, Outlier analysis

☒ **Explanation:** Data normalization and Data retrieval are not data mining tasks since they do not involve analysis of the data.