

The background of the slide is a complex network graph. It features a dense web of thin, light-colored lines connecting numerous small, colored dots (nodes). The nodes are primarily green and blue, with some orange and red nodes visible. The overall aesthetic is technical and data-driven, with a muted color palette of greys, blues, and oranges.

# **Session 1: Graph and Network Clustering: Basic Concepts**

# Question

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Match the following statements with the concepts they describe. Concept choices are: Clustering, Graph partitioning, Community discovery.

1. Group objects into soft/hard clusters using the complete or partial dataset
2. Find densely connected components without having to assign every nodes to a cluster
3. Divide the complete graph into hard partitions

❑ Answer: First statement describes clustering; second statement describes community discovery; third statement describes graph partitioning.