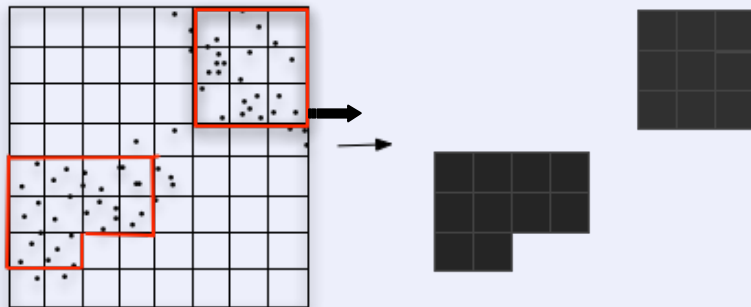


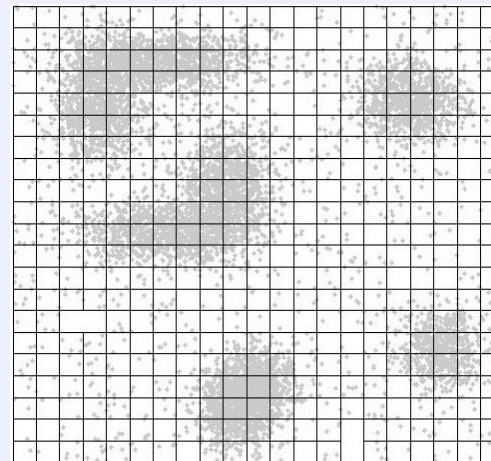
## Grid-Based Clustering

- 1 Summarize dataset with a grid
- 2 Aggregate grid cells to form clusters

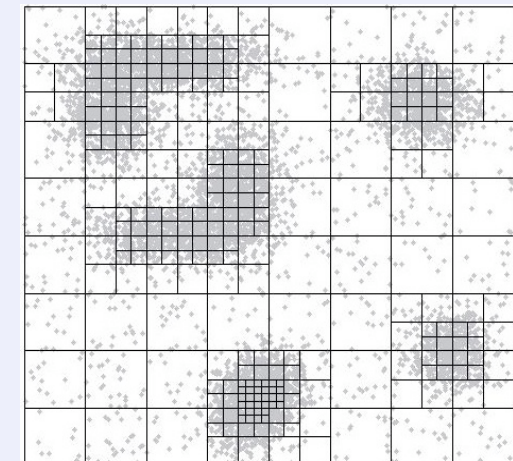


## Axis-Aligned Grids

- Grids are made up of axis-aligned hyperplanes
- This has an effect on the aggregation process



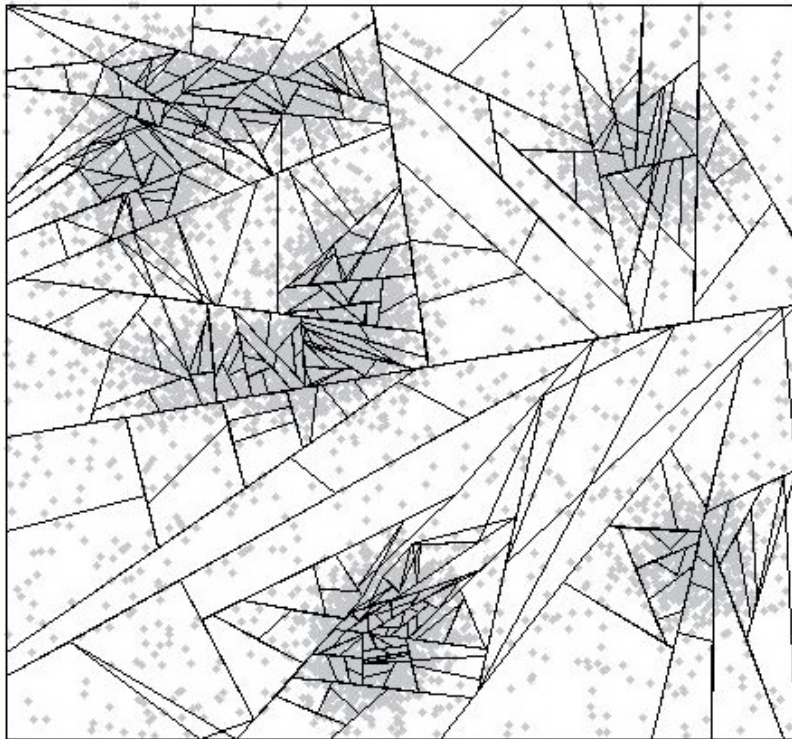
Regular Grid



Multi-resolution Grid

## Flexible Grid

Split the data recursively with **randomly oriented hyperplanes** to build the grid



## Cell Clustering by Extracted Graph Partitioning

