

# Real-world Applications by Industry

Clustering Applications Across Different Sectors



## E-commerce

- Customer segmentation
- Product recommendations



## Healthcare

- Patient stratification
- Disease subtyping



## Finance

- Fraud detection
- Portfolio clustering



## Manufacturing

- Anomaly detection
- Predictive maintenance



## Social Media

- Community detection
- Content recommendation



## Genomics

- Gene expression clustering
- Cell type discovery



## Transportation

- Traffic pattern analysis
- Route optimization