



## Computational Intelligence in Addressing Data Heterogeneity

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### Message from the Guest Editor

Dear Colleagues,

Data heterogeneity, characterized by the presence of diverse data sources with varying formats, structures, and semantics, has become a pervasive challenge in the era of big data. The issue focuses on the theoretical and computational challenges and advancements in leveraging computational intelligence techniques to tackle the complexities posed by heterogeneous data sources. This collection encompasses a diverse range of methodologies, algorithms, theories, applications, and case studies that highlight the role of computational intelligence in harmonizing and deriving valuable insights from heterogeneous data sources.

Topics include, but are not limited to:

- Deep learning;
- Data mining;
- Statistical learning;
- Robust machine learning;
- Decision support;
- Robust optimization;
- Curse of dimensionality;
- Interpretable machine learning;
- Uncertainty quantification;
- Federated learning;
- Computer vision and image processing;
- Anomaly detection;
- Applications with heterogeneous data.





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## Message from the Editor-in-Chief

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