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Model-driven development of data intensive applications over cloud resources

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Highlights

- (i) A methodology that guides data-intensive applications design over the life cycle, and to address functional and non-functional requirements together with the involved resources.
- (ii) A formal component-based development to build models from existing components and capability to reason about the resulting composition
- (iii) An illustration of the analysis possibilities of models for efficient and reliable design and / or optimization combining simulation with the analytical analysis.
- (iv) An integrated view of functional, performance and economical aspects of data intensive applications.

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