



Research School for Operations
Management and Logistics

Prescriptive resource allocation within business processes

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This research will mainly focus to perform prescriptive analysis for resource allocation within business processes. Prescriptive analytics are the next advanced step in the line of analytics which can be performed for data analysis. The step before prescriptive analytics is predictive analytics, which take the historical data and is used to predict future values for specific parameters. After a structured literature review models for predictive resource requirements and a model for prescriptive resource allocation is developed and trained and tested based on an artificial and real life dataset. Finally best practices are identified to solve infeasible resource allocations to a feasible situation.