About the Contributors

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**David Arnu** studied ‘data analysis and management’ and computer science at the TU Dortmund University (Germany). He holds a Master of Science degree in computer science from the same university. At RapidMiner, he worked as software engineer and project engineer in the R&D team. Now, he is a data scientist at RapidMiner working on research projects and innovative predictive analytics use cases.

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Marcel Dix is scientist at ABB Corporate Research Center, Germany, with research focus on industrial analytics. and He holds a computer science degree from Hochschule Mannheim, University of Applied Sciences, and a degree in general management from Europäische Fernhochschule Hamburg, University of Applied Sciences.

Burkhardt Funk is a full professor for information systems at Leuphana University Lüneburg and as the CIO a member of the presidential board. His research interests include building decision models and support systems, based on methods from machine learning, in a variety of application areas such as e-Mental-Health and e-Business. When building statistical models Burkhardt often uses methods from Bayesian Statistics. He has co-authored more than 60 scientific articles and 3 books. He has a wealth of practical experience and is a regular advisor to leading companies.

Sebastian Furth is Software Engineer and Consultant at denkbares GmbH in Würzburg, Germany. His research focuses on practical natural language processing techniques in the context of semantic information systems. In various industrial projects Sebastian Furth gained hands-on experience in coordinating, designing, implementing and applying semantification approaches on large technical data sets.

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**Sema A. Kalaian** (Professor of Statistics and Research Methods) in the College of Technology at Eastern Michigan University. Professor Kalaian was a recipient of the (1) “Best Paper” award from the American Educational Research Association (AERA), and (2) “Distinguished Paper Award” from the Society for the Advancement of Information Systems (SAIS). Over the years, Dr. Kalaian taught introductory and advanced statistical courses such as Research Methods, Research Design, Multivariate Statistics, Survey Research, Multilevel Modeling, Structural Equation Modeling, Meta-Analysis, and Program Evaluation. Professor Kalaian’s research interests focus on the development of new statistical methods and its applications. Much of her methodological developments and applications have focused on the (a) development of the multivariate meta-analytic techniques for combining evidence from multiple primary studies; (b) applications of the meta-analysis methods to various projects in different fields of study such as STEM education and Medical and Health Education; and (c) developments of statistical methods for analyzing Delphi survey data. She has authored and co-authored more than 50+ scientific articles and 10 book chapters in various fields of study such as Statistics, Big Data Analytics, Meta-Analysis, STEM Education, Medical Education, and Online Learning.

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data sets, he uses machine learning techniques (in particular Bayesian methods) to predict consumer behavior and to better understand user decisions. Martin Stange has a Master’s degree in physics and Information Systems.

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**Chris Wrench** was awarded a BA from the University of Winchester in 2009 and most recently a BSc in Cybernetics and Artificial Intelligence from the University of Reading in 2014. He is currently a PhD researcher in the field of Data Stream Mining at the University of Reading.