

<b>Topic</b>	<b>Hakuna MaDATA</b>
<b>Name of activity</b>	Establishing a comprehensive understanding of Big-Data concepts and applications using R, REA-compliant managerial accounting and dc.js dashboards.
<b>Number of working hours</b>	27
<b>Type of activity</b>	Lectures, workshops, company presentations
<b>Short summary of the content</b>	<p>In this course, students will get a comprehensive overview about big-data technologies, its applications in general and in the context of managerial accounting in particular. The concept of Resources, Events and Agents will accompany the whole lecture series.</p> <p>In the beginning, the course will consist of theory lectures about the different meanings of Big-Data, REA-concepts and managerial accounting. To deepen the understanding, state of the art literature is summarized and presented.</p> <p>The practical part will be focused on the use of the language R for big data analysis. Furthermore, process-oriented managerial accounting techniques will be discussed and implemented in R and visualized in dashboards using dc.js.</p>
<b>Academic responsible</b>	Christian Fischer-Pauzenberger
<b>Goal</b>	Students get a comprehensive overview of big-data concepts and state of the art literature. Combined with R and REA-compliant managerial accounting, students will be able to create dashboards using dc.js to visualize big-data analysis.