**Workshop**

**„Introduction to machine learning with R“**

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**03./04. Mai 2019**

**Mannheim**

**Agenda**

**Day 1**

10.00 – 11.30 A - **What is machine learning and why should you care**

11.30 – 11.45 Break

11.45 - 13.00 B - **Lasso and Ridge Regression**

13.00 – 14.00 Lunch

14.00 – 15.30  **C - Supervised Learning: Bagging and Boosting, tree-methods**

15.30 – 16.00 Break

16.00 – 18.00 D - **Supervised Learning: Neural Network**

18.00 [Wine & Cheese]

**Tag 2**

9.00 – 10.30 E - **Unsupervised Learning: kmeans, hdbscan**

10.30 – 10.45 Break

10.45 – 12.30 F - **The dangers of machine learning**

12.30 – 13.30 Lunch

13.30 - 16.00 G - **reticulate package: Umap**

16.00 End of the event