

**DEVELOPING DATA COMPETENCE IN PRIMARY SCHOOL**

Daniel Frischemeier  
University of Paderborn, Germany  
[dafr@math.upb.de](mailto:dafr@math.upb.de)

In the present Data Science era, competent data handling is inevitably and important to become a responsible citizen. Therefore the development of data competence should be realized as early as possible in the curriculum. Our main idea is to introduce primary school students into real statistical projects and to experience the phases, problem, plan, data, analysis and conclusions of the PPDAC cycle on their own. Especially comparing groups, an important activity in statistics, takes into account the application of many fundamental statistical ideas like distribution, representation or variability and even at primary school level students can be engaged in such activities by offering pre-stages for formal comparison concepts like center and spread.