

## **A WEB-BASED LEARNING SYSTEM FOR JUNIOR HIGH SCHOOL STUDENTS AND HIGH SCHOOL STUDENTS**

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A web-based learning system "Data-oriented Statistical System" or called DoSS@d (<http://mo161.soci.ous.ac.jp/@d/index.html>) has been developed mainly for educational use, which archives a large number of datasets and the corresponding analysis stories so that students can find suitable datasets for their purposes and learn practical data analysis based on the analysis stories. DoLStat@d, one of modules in DoSS@d, supplies several courses consisting of analysis stories suitable for learning purposes, e.g., marketing, visualization, and classification. In this study, new courses with "PPDAC cycle" for junior high school and high school students are developed. The contents are basic statistics and data visualization that junior high and high school students ordinarily learn in mathematics and are based on PPDAC cycle.