

KEY FEATURES AND EDUCATIONAL USES OF THE FILE MENU IN R-INSTAT

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As part of the African Data Initiative, this poster focusses on the file menu of R-Instat and in particular the features relating to datasets. Statistical education is brought to life through the use of interesting and relevant data to engage learners in their tasks. The poster illustrates some key aspects of the import facilities and presents the richness of the inbuilt data library. It mentions some of the key ways in which these file features can and have been used for teaching and learning to change this situation. Particular attention will be drawn to the value of a true problem based approach where the students start with a problem and some data and are free to use an appropriate methods for the analysis. The key to this approach is to have data which is rich enough that a combination of approaches yields more insights than any single analysis. Transforming statistics education with R-Instat and projects could be a first step towards an African Data Revolution.