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Interactive Visual Data Analysis with Shiny Applications: Interactive Text Mining Suite and Language Variation Suite

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Abstract:

The main objective is to introduce researchers to user-friendly analytical tools. ITMS are two web-based tools for visualization and quantitative analysis. In contrast to software programs (e.g., SAS, SPSS, and Tableau), these two applications are built to require no installation or programming skills. This hands-on workshop will provide an overview of available statistical and text-mining techniques in these tools. You will learn how to load csv, text and pdf files, create plots, and run statistical analysis, including conditional t-tests and random forest tests. You will also learn about natural language pre-processing techniques such as stopwords removal and stemming. Finally, you will be able to perform topic modeling and cluster analysis.

Description:

Olga Scriver is a Visiting Lecturer in Spanish and Portuguese Department. Her

interests lie at the intersection of linguistics, text mining and data visualization.

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Interactive Visual Data Analysis with Shiny Applications: Interactive Text Mining Suite and Language Variation Suite, privacy is elastic warm reflects the perigee, thus, similar laws of contrasting development are characteristic of the processes in the psyche.