

Book Review

Data Analytics for Discourse Analysis with Python

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Data Analysis is related to data and information extraction and processing to derive decision-making. Data has grown voluminously in the last decade, and data processing and analysis are required with enhanced models. Dennis Tay, realizing this fact, has written this book.

With its six comprehensive chapters, this book leaves no aspect of data analysis unexplored. The author's emphasis on Objectivity, Scalability, Data richness, Novelty, Flexibility, and Interdisciplinarity as key focus areas ensures a thorough understanding of the subject. This comprehensive coverage ensures that all your needs and interests in data analytics and discourse analysis are met, making this book a valuable resource for professionals and students.

The Monte Carlo system is used to deal with uncertainty issues. Data simulations are handled in different environments in Monte Carlo. This chapter is supported by extensive program codes and numerous examples. The data analytics assign objects into groups for practical interpretation and analysis. Clustering techniques are extensively used in data analytics. The third chapter provides illustrations of all cluster method techniques. Finally, clustering solutions are explained in this unit. Classification of objects and group prediction is an important component in data analytics addressed in chapter 4. Object properties are used to model the relationship, which is crucial in classification. The classification techniques with some model test results are presented in this unit.

Time series represent sequential measures of variables at regular intervals of time. The fifth chapter provides time series regression models with data projections. Using time series analysis, this unit comprehensively explains model selection, guidelines, and data representations. The last chapter is the conclusion, summarizing the work presented in the earlier chapters. All the chapters are supported by a good reference list. This book presents an unambiguous description of data analytics with several practical models and illustrations.

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