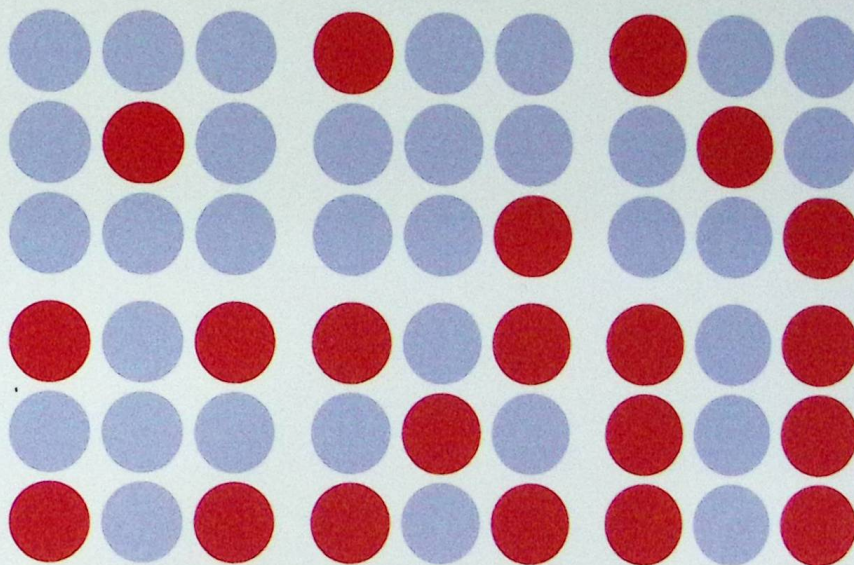


STATISTICS & PROBABILITY

Revised Edition



Danilo De Guzman
Corazon Quintana, Ed.D



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ABOUT THE AUTHORS



Preface

Statistics and Probability revised edition primarily aims to prepare and nurture the students for them to become globally competitive. With these objectives, the authors have come up with this rich material which is designed as a foundation prerequisite for research and other higher mathematics subjects. This book considers the requests and demands of many teachers to introduce Statistical Package for Social Sciences or SPSS as part of the preparations of the students for programmable analyses, interpretations and presentations of data in tabular or graphical forms. This software is popular to the millions of researchers worldwide.

This book covers the topics set by the Department of Education (DepEd) for Statistics and Probability course. This book has an easy-to-understand approach and step-by-step solutions to problems for thorough understanding of important concepts and theories as applied in the field of engineering, sciences, business economics, and others.

This book included sufficient examples and illustrations to expedite teaching and learning process in every topic. At the end of each chapter, a *Chapter Review* is provided that lists important concepts and formulas discussed to review the students before the assessment. Exercises are also provided in different forms namely, *Check Your Progress*, *You Can Do This*, and *Chapter Test*, to assess student's performance and to measure their learning progress. The author acknowledges the inclination of students to technology, hence, other features of this book focus on how to solve problems using software packages other than SPSS, the Microsoft Excel and online statistical calculators.

The authors wish to acknowledge their families for the inspiration, Dr. Sunday Sibul and Ms. Mercy Vergara for their spiritual and moral support, and Dr. Carolina Gonzales for the motivation in writing this book.

The Author



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