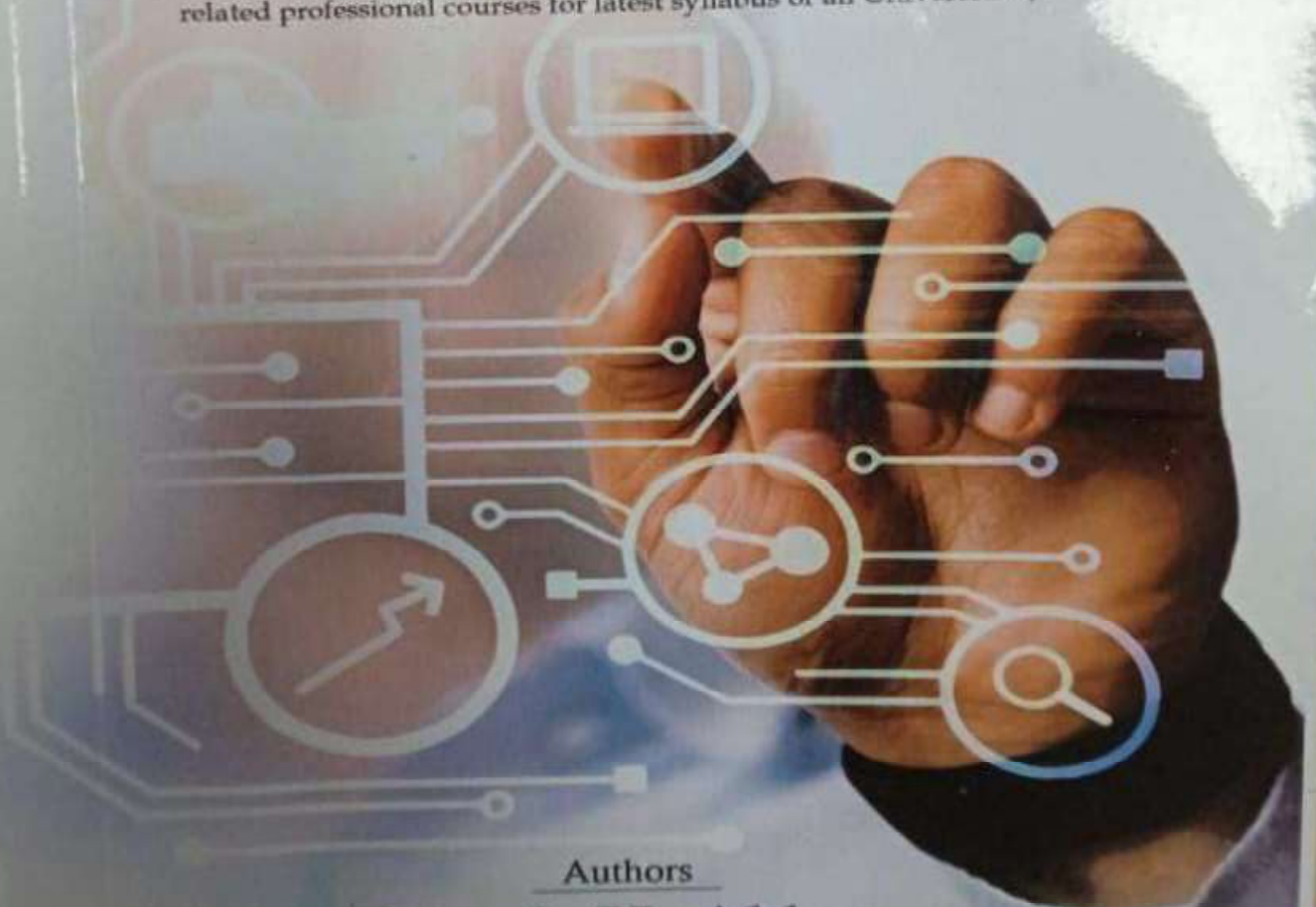


BLUE HILL PUBLICATIONS

# A COMPLETE INTRODUCTION OF BIG DATA ANALYTICS

(For B.Tech, B.Sc and M.Sc. CS, BCA, MCA, Diploma and other computer related professional courses for latest syllabus of all Universities)



Authors

Dr. S. H. Abbas  
Dr. Faiyaz Ahamad

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## PREFACE

Big Data is everywhere. It shapes our lives in more ways than we know and understand. This comprehensive introduction unravels the complex terabytes that will continue to shape our lives in ways imagined and unimagined. The present book entitled "**A Complete Introduction of Big Data Analytics**" has been designed so as to cover the chapter-wise syllabus of BTech/BCA/MCA of all Indian Universities. The book is dedicated to the description of the latest trends and happening in .Big Data .This book covers the basic programming fundamentals, professional programming logics and deep concepts of programming in .NET such as the flow control statements in C# and Visual Basic, the basic programming techniques, procedures and procedural programming concepts.This book will explore the concepts behind Big Data, how to analyze that data, and the payoff from interpreting the analyzed data.

This book is divided into six chapters.

Chapter-1, which provides an overview of the Big Data. In this part, we explain the basic concepts you need for a full understanding of big data, from both a technical and a business perspective. We also



introduce you to the major concepts and components so that you can hold your own in any meaningful conversation about big data.

Chapte-2 This chapter give how Big Data is better.

Chapter-3 How do you analyze the massive amounts of data that become part of your big data infrastructure? In this part of the book, we go deeper into the different types of analytics that are helpful in getting real meaning from your data.

Chapte-4, This chapter give how Big Data Flat.

Chapter-5, This part gets to the details of what it means to actually manage data, including issues such as internationalizing your data and protecting the security and privacy of that data.

Chapter-6, In this section, you get an understanding of how companies are beginning to use big data to transform their business operations. If you want to get a peek into the future at what you might be able to do with data.

Chapter 10 explores the concept of the data pipeline and how Big Data moves through the analysis process and is then transformed into usable information that delivers value.

In this book concepts, command and syntax are explained in a simple language with a lot of examples. This will enable the students to gain basic as well as in-depth knowledge about the subject. The chapters have been written by various experts in the field. We believe that this book is well suited to self-learning. The concise and sequential nature of

## ABOUT THE AUTHORS



Dr. S. H. Abbas, currently working as an Assistant Professor at the Integral University, Lucknow. He is pursuing his PhD on the topic of "Cancer Detection Using Machine Learning from Biomedical Images" from Christ University, Bangalore. He received his Ph.D. Degree in Computer Science & Engineering from S.V.U University, India, and an M.Tech Degree in CSE from Dr. MGR University, Chennai, India. He authored/ co-authored over **40+ published** articles in **prestigious journals, Books, Book chapters, and conference papers**. Besides, Dr. Abbas authored/edited 10 international book chapters published by recognized publishers such as **IEEE, Springer, IGI Global, Elsevier, CRC Press Taylor & Francis**. He has also published 04 Books. He has been invited as a resource person for many workshops/FDP. He has organized and chaired many national/international conferences and conducted various workshops. He is editor-in-chief of the International Journal of Multidisciplinary Education Research (IJMER). His **05 patent** is published by the Indian Patent



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