

1508 K 14-20

Strictly as per the New Revised Syllabus (Rev - 2016) of
Mumbai University
w.e.f. academic year 2018-2019
(As per Choice Based Credit and Grading System)

FREE
Self-Study
EXAM Work Book



DATA SCIENCE

(Elective II)

(USCS606)

Semester VI - T.Y.B.Sc. (Computer Science)

Dr. Dinesh Gabhane

Madhuri Gabhane

Tejaswee Pol

Important Features of the Book

- With Solved Latest University Question Papers.
- Includes Lab Manual.

OLD Meets NEW To Become BIGGER & BETTER
With A Trusted Brand

TECH-NEO PUBLICATIONS
Where Authors Inspire Innovation
A Sachin Shah Venture

(A1075)

₹ 220/-

Certified as TRUE COPY

Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Data Science

(Elective-II)

Semester VI - T.Y.B.Sc. (Computer Science)

Credit Based Semester and Grading System

● with effect from Academic Year 2018-2019 for Mumbai University ●

Certified as
TRUE COPY


Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

Dr. Dinesh Gabhane

Ph. D. (Mgmt.), M.Phil. (Commerce),
MBA (Mktg. & HR), UGC-NET (Mgmt.),
B.E. (Production)
Associate Professor

Rajeev Gandhi College of Management Studies,
Navi Mumbai.

Dr: Dinesh Gabhane has over 13 years of experience. Of which 4 Years in corporate at managerial position and 9 Years in teaching. His area of expertise is marketing and quantitative techniques. He is currently associated as Assistant Professor in Rajeev Gandhi College of Management Studies, Navi Mumbai. He is the author of the book "Managing consumption expenditure on food articles" internationally published on createspace.com. He has published and presented research papers in reputed national and international research journals. He is the resource person for SPSS and delivered lectures in colleges across Mumbai and outside. He is a consultant for statistical analysis work of Ph.D. He is working as a member of McKinsey Global Institute online executive panel for research survey. He is Editorial Board Member of NRJP Journal of Commerce, Economics & Management and Journal of Social Sciences & Multidisciplinary Management Studies. Also, he is Editorial Board Member of IJRDO Journal of Business Management.

Ms. Madhuri Gabhane

M.Phil(C/S), M.Sc. (C/S), MCA, PGDCS&A
Head, Department of Information Technology
K.B.P College, Vashi,
Navi Mumbai

Ms. Madhuri S. Bankar has 13 years of experience in teaching. She is currently associated with Karmaveer Bhaurao Patil College, Vashi as Assistant Professor. Her area of specialization is Database Management System and quantitative techniques. She has published and presented research papers in national and international research journals and also done two minor research projects. She conducts workshops and seminars on Information Technology.

Tejaswee Pol

M.Sc. in Computer Science,
Assistant Professor,
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai

A1075



SPECIMEN
COPIES

 **TECH-NEO**
PUBLICATIONS

Where Authors Inspire Innovation

A Sachin Shah Venture

Data Science

Dr. Dinesh Gabhane, Ms. Madhuri Gabhane, Tejaswee Pol

T.Y. B. Sc. (Computer Science) (Mumbai University)

(FM264) (Book Code : ME132A)

Copyrights © by Authors

All rights reserved. No part of this publication may be reproduced, copied, or stored in a retrieval system, or transmitted in any form or by any means, including photocopy, recording, or other electronic or mechanical means, without the prior written permission of Author & Publisher.

This book is sold subject to the condition that it shall not, by the way of trade or otherwise, be lent, resold, or otherwise circulated without the publisher's prior written consent in any form of binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent editions without limiting the rights under copyright reserved above.

First Edition : November 2019

ISBN : 978-93-89460-78-0

This edition is for sale in India, Bangladesh, Bhutan, Maldives, Nepal, Pakistan, Sri Lanka and designated South-East Asia. Sale and purchase of this book outside of these countries is unauthorized by the publisher.

Published by

Mr. Sachin S. Shah & Mr. Rahul S. Shah

TechNag Publications LLP

Branch office

B/5, Ground floor,

Printed at

Image Offset / M. S.

Certified as
TRUE COPY


Principal

Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.

- ❖ Chapter 1 : Introduction to Data Science 1-1
- ❖ Chapter 2 : Data Management 2-1
- ❖ Chapter 3 : Data Curation 3-
- ❖ Chapter 4 : Statistical Modeling and Machine Learning 4-
- ❖ Chapter 5 : Data Transformation 5
- ❖ Chapter 6 : Supervised Learning 6
- ❖ Chapter 7 : Unsupervised Learning :
- ▶ Lab Manual.....

**Certified as
TRUE COPY**


Principal
Ramniranjan Jhunjhunwala College,
Ghatkopar (W), Mumbai-400086.