

LIBRARY AND INFORMATION RESOURCE CENTRE

LIST OF UG, PG BOOKS AND CDs

UG BOOKS

PGBOOKS

CDs

UG BOOKS

204.36 SPIRITUAL LIFE

1] INNER ENGINEERING: A YOGI'S GUIDE TO JOY

HARYANA : PENGUIN , 2016

204.36 SAD

26062

The four letter word -- A note to the reader -- When I lost my sense -- The way out is in -- Design your destiny -- No boundary, no burden -- '...and now, yoga' -- A note to the reader -- Body -- Mind -- Energy -- Joy.

005.133 PYTHON

2] INTRODUCTION TO COMPUTING AND PROBLEM SOLVING USING PYTHON

CHENNAI : MCGRAW-HILL EDUCATION , 2016

005.133 BAL

26042 26061

Chapter 1 Introduction to Digital Computer

Chapter 2 Problem Solving Strategies

Chapter 3 Introduction to Python

Chapter 4 Functions

Chapter 5 Strings and Lists

Chapter 6 Tuples and Dictionaries

Chapter 7 Files and Exceptions

Chapter 8 Classes and Objects

Appendix A: Practice Exercises with Algorithm and Flow Chart

Appendix B: Problem Solving Exercises—With Algorithm and Pseudocode

Appendix C: Fundamental Standard Library Modules

005.133 PERL

3] PERL: THE COMPLETE REFERENCE

DELHI : MCGRAW-HILL INDIA , 2001

005.133 BRO
26079-26103

Part I: Fundamentals.
Chapter 1: Perl Background.
Chapter 2: Perl Overview.
Chapter 3: Perl Parsing Rules.
Chapter 4: Variables and Data.
Chapter 5: Statements and Control Structures.
Chapter 6: Subroutines, Packages, and Modules.
Chapter 7: Working with Files.
Chapter 8: Data Manipulation.
Chapter 9: Errors and Trapping Them.
Part II: Programming with Perl.
Chapter 10: Complex Data Structures.
Chapter 11: System Information.
Chapter 12: Networking.
Chapter 13: Database Systems.
Chapter 14: Interprocess Communication.
Chapter 15: Other Execution Enhancements.
Part III: Developing Applications.
Chapter 16: User Interface Tools.
Chapter 17: Advanced User Interfaces.
Chapter 18: Developing for the World Wide Web (WWW).
Chapter 19: Controlling Execution with Pragmas.
Chapter 20: Extending and Embedding Perl.
Part IV: Fine-Tuning Applications.
Chapter 21: Debugging and Tuning.
Chapter 22: Perl Compiler.
Chapter 23: Perl Documentation.
Chapter 24: Cross-Platform Migration Traps.
Chapter 25: Distributing Modules and Applications.
Part V: Appendixes.
Function Reference.
Standard Perl Library.
Resources.

005.74068 DATA WAREHOUSING AND MINING

4] DATA WAREHOUSING

NEW DELHI : OXFORD UNIVERSITY PRESS , 2009
005.74068 THA
26063- 26072

Introduction to Data Warehousing
Data warehouse: defining features
Architecture of a data warehouse
Gathering the business requirements
Planning and project management
Data warehouse schema
Dimensional modelling
The ETL process
Testing, growth and maintenance
OLAP in the data warehouse

Updated on 12/02/2018

Building a data warehouse
Data mining basics
Moving into data mining
Trends in data warehousing

519.2 PROBABILITY

5] MILLER AND FREUND'S PROBABILITY AND STATISTICS FOR ENGINEERS

SOUTH ASIA : PEARSON , 2015

519.2 JOH/MIL

26073- 26078

621.3845 WIRELESS COMMUNICATIONS

6] ADHOC WIRELESS NETWORKS, ARCHITECTURES AND PROTOCOLS

PRENTICE HALL COMMUNICATIONS ENGINEERING AND EMERGING TECHNOLOGIES SERIES

NOIDA : DORLING KINDERSLEY , 2004

621.3845 MUR

26104 26107

Introduction.
Wireless LANS and PANS.
Wireless WANS AND MANS.
Wireless Internet.
Ad Hoc Wireless Networks.
MAC Protocols for Ad Hoc Wireless Networks.
Routing Protocols for Ad Hoc Wireless Networks.
Multicastrouting in Ad Hoc Wireless Networks.
Transport Layer and Security Protocols for Ad Hoc Wireless Networks.
Quality of Service in Ad Hoc Wireless Networks.
Energy Management in Ad Hoc Wireless Networks.
Wireless Sensor Networks.
Hybrid Wireless Networks.
Recent Advances in Wireless Networks.

PG BOOKS

005.74 BIG DATA

1] BIG DATA AND ANALYTICS

NEW DELHI : WILEY INDIA , 2015

005.74 ACH/CHE

1162-1163

Chapter 1 Types of Digital Data
Chapter 2 Introduction to Big Data
Chapter 3 Big Data Analytics
Chapter 4 The Big Data Technology Landscape
Chapter 5 Introduction to Hadoop
Chapter 6 Introduction to MongoDB
Chapter 7 Introduction to Cassandra
Chapter 8 Introduction to MAPREDUCE Programming
Chapter 9 Introduction to Hive
Chapter 10 Introduction to Pig
Chapter 11 Jasper Report using Jasper soft
Chapter 12 Introduction to Machine Learning

005.74 DATA SCIENCE

2] DATA SCIENCE FROM SCRATCH: FIRST PRINCIPLES WITH PYTHON

MUMBAI : SHROFF , 2015

005.74 GRU

1166-1167

Chapter 1 Introduction

Chapter 2 A Crash Course in Python

Chapter 3 Visualizing Data

Chapter 4 Linear Algebra

Chapter 5 Statistics

Chapter 6 Probability

Chapter 7 Hypothesis and Inference

Chapter 8 Gradient Descent

Chapter 9 Getting Data

Chapter 10 Working with Data

Updated on 12/02/2018

Chapter 11 Machine Learning

Chapter 12 k-Nearest Neighbors

Chapter 13 Naive Bayes

Chapter 14 Simple Linear Regression

Chapter 15 Multiple Regression

Chapter 16 Logistic Regression

Chapter 17 Decision Trees

Chapter 18 Neural Networks

Chapter 19 Clustering

Chapter 20 Natural Language Processing

Chapter 21 Network Analysis

Chapter 22 Recommender Systems

Chapter 23 Databases and SQL

Chapter 24 MapReduce

Chapter 25 Go Forth and Do Data Science

3] DOING DATA SCIENCE: STRAIGHT TALK FROM THE FRONTLINE

MUMBAI : SHROFF , 2014

005.74 SCH/ONE

1164- 1165

Introduction: What is Data Science?

Statistical inference, exploratory data analysis, and the data science process

Algorithms

Spam filters, Naive Bayes, and data wrangling

Logistic regression

Financial modeling

Recommendation engines and causality

Data visualization

Social networks and data journalism

Data engineering, MapReduce, Pregel, and Hadoop

Updated on 12/02/2018

CDs

CD3091
005.432 CHO

OPEN SOURCE FOR YOU (DVD): JANUARY2018 (OSFY) Vol.No. 6(4)

By CHOPRA, RAHUL Ed.
NEW DELHI / EFY ENTERPRISES / 2018

Abstract : *Ubuntu Desktop 17.10(Live)

*Fedora Workstation 27

*MX Linux 17

CD3092
004 PAR

DIGIT:(DVD):OMEGA :JANUARY 2018 (DIG) Vol.No. 18(1)

By PARWATAY,SIDDHARTH Ed.
NAVI MUMBAI / NINE DOT NINE INTERACTIVE / 2018

Abstract : *AI Programming Tools

*Learn Python for AI

*Video Lectures on Spectrography

*Playstation Experience 2017 highlights

*Indie games

*The story of World War I