

“ Sheel, Sharir, Adhyayan ”
Aundh Shikshan Mandal, Aundh



Raja Shripatrao Bhagawantrao
Mahavidyalaya, Aundh. (Satara)

Experiential Learning

Case Study

B.Sc. Part 2

Subject: Statistics

2016-2017

RAJA SHRIPATRAO BHAGAWANTRAO MAHAVIDYALAYA,
AUNDH (SATARA)

DEPARTMENT OF STATISTICS

Case Study Report 2016-17



OBJECTIVES:

1. Understand the basic concepts of discrete distributions, continuous univariate and bivariate distributions, transformation of univariate continuous random variable.
2. The basic concepts of Multiple Linear Regression, Multiple and Partial Correlation, Sampling Theory and Demography.
3. Know some standard continuous probability distributions.
4. Understand the concepts of Time Series, Statistical Quality Control, Testing of Hypothesis.

Sr. No.	Name of Students	Case Study
1	Abhang Rahul Uttam	Sketch of normal distribution with different parameter
2	Bhosale Ashvinkumar Babaso-	
3	Bodhe Monika Subhash	
4	Bodhe Monika Subhash	
5	Chavan Ruchita Anil	Light bills in house
6	Dabade payal Prakash	
7	Deshmukh Pooja Madhukar	
8	Deshmukh Pratik Shankar	
9	Dubal Prajktta Shashikant	For mortality of two towns
10	Gharge Amruta Mohan	
11	Gurav Shubham Haridas	
12	Gurav Sushant Balu	



13	Gurav Vinayak Uttam	Availability of turmeric in Satara market yard
14	Jadhav Kapil Rajaram	
15	Jadhav suraj Narayan	
16	Jadhav Vijay Balaso	
17	Jagdale Tejaswi Shankar	Phone bills in house
18	Kanthe Rohit Shrikant	
19	Magar Shilpa Akaram	
20	Magar Swapnali Shashikant	Case study on analysis of number of defective invoices
21	More Rahul Vilas	
22	Patel Talib Hamid	
23	Patel Innus Nurmahamad	
24	Pawar Dhanshri Babaso	Independence of attributes of gender & preference for educational side
25	Phadatare Priyanka Suresh	
26	Pisal Ashwini Jagannath	
27	Sande Kausar Akhtar	
28	Bagwan Sohel Jabbar	Analysis of voting preference male & female
29	Deshmukh Pradnya Vitthal	
30	Gaikwad Prajka Ajit	
31	Kadam Amruta Shrimant	
32	Kumbhar Akshay Krushant	
33	Mulani Samir Salim	
34	Phadatare Dnyeneshwar Mohan	

OUTCOMES:

- a) Know the concept and use of time series, sampling theory, the need of vital statistics and concept of mortality and fertility.

- b) Understand the meaning, purpose and use of Statistical Quality Control, construction and working of control charts for variables and attributes.
- c) Apply the small sample tests and large sample tests in various situations.
- d) Know some standard continuous probability distributions with real life situations.
- e) Distinguish between various continuous distributions.

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