MINIPROJECT
LOGBOOK
Title: Big Mart Sales Prediction

GROUP MEMBERS

1. Madhur Dukhande
2. Manashree Chavan
3. Aryan Amin
4. Mayur Jain

Project Guide

Prof. Rujata Chaudhari

Department of Information Technology

A.P. Shah Institute of Technology

Kasarvadavali, Thane - 400 607

University of Mumbai

(AY 2022-23)

INSTITUTE VISION & MISSION

VISION:

APSIT aspires to be a premier institute producing globally competent engineering professionals to contribute towards socio-economic growth of India.

MISSION:

To provide conducive and collaborative environment to meet contemporary & future Engineering challenges by project based and value-added education with the support of trained faculty

DEPARTMENT OF INFORMATION TECHNOLOGY

VISION:

To be a prime centre of excellence by transforming students into globally competent IT professionals.

MISSION:

1. To develop, support and maintain state-of-art infrastructure to serve as a potent resource hub for IT industries.
2. To inculcate the problem solving, analytical, logical skills to promote the culture of creativity and innovation among the students.
3. To adapt with the transformation of the technology emphasising on interdisciplinary studies, exposure to emerging technologies and imbibing high standards of professional ethics and social responsibilities in all endeavor

PROGRAM EDUCATIONAL OBJECTIVES (PEO's)

PEO1 PREPARATION: To prepare students for successful careers in industry, research and institutions of higher learning with social sense and responsibility.

PEO2 CORE COMPETENCE: The graduating professionals from Information technology will have a wide spread background of sciences, mathematics and fundamentals of Information Technology to solve dynamic universal industrial problems.

PEO3 BREADTH: To create graduates for competitive and innovative solutions to industry and society through projects by application of multidisciplinary knowledge inculcating team work and management skills.

PEO4 PROFESSIONALISM: To enrich students with leadership quality, professional ethics and entrepreneurial skills through various devised programs

PEO5 LIFE LONG LEARNING: To promote student awareness and commitment to life long learning for professional engagement to benefit society at large.

PROGRAM OUTCOMES (POs)

PO's	OUTCOMES
PO1	An ability to apply knowledge of mathematics, science and engineering fundamentals in the field of computing.
PO2	Critically identify, formulate and evaluate emerging topics and the recent development in the field and Provide solution to futuristic engineering problems.
PO3	The broad education necessary to understand the impact of engineering solutions in a global, economic, environmental and societal context.
PO4	Ability in requirement gathering, design and implementation of software with computer systems to analyze and interpret the data.
PO5	An ability to use the techniques, logical and analytical skills and modern engineering tools necessary for engineering practice.
PO6	An ability to design a system component or process to meet desired needs within realistic constraints such as economic, environmental, social, cultural and safety issues.
PO7	An ability to understand an impact of engineering knowledge towards society and environment with need to sustainable solutions.
PO8	To inculcate professional ethics.
PO9	An ability to function effectively, individually and in teams to accomplish a common goal.
PO10	An ability to communicate solutions of complex computing problems effectively using reports and presentations to wide range of audiences.
PO11	To instill leadership and managerial skills in multidisciplinary environment.
PO12	Recognition of the need for and an ability to engage in life-long learning.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 To use modern computer languages, environments and platforms in creating innovative carrier paths in the areas of database, data analysis and application development.

PSO2 To apply theoretical foundations of Information technology in developing solutions for engineering problems that meet automation needs of industry and society.

PSO3 To design and implement efficient real-time solutions using evolving knowledge of information technology by demonstrating the practices of professional ethics and the concern for societal and environment wellbeing

STUDENT INFORMATION

Project Title: Big Mart Sales Prediction

Name of Guide: Prof Rujata Chaudhari

	Student 1	**Student 2**	**Student 3**	**Student 4**
Moodle ID	20104032	20104028	20104022	20104024
Name	Madhur Dukhande	Manashree Chavan	Aryan Amin	Mayur Jain
Class	TE	TE	TE	TE
Contact No.	9769033350	9833623147	8369329219	8652535655

Date	Weeks	Contents
13/01/2023 TO 18/01/2023	1	Group formation and Topic finalization. Identifying the scope and objectives of the Mini Project
20/01/2023 TO 26/01/2023	2	Identifying the functionalities of the Mini Project
29/01/2023 TO 3/01/2023	3	Discussing the ML Algorithm.
4/02/2023 TO 10/02/2023	4	Designing the Graphical User Interface (GUI)
17/02/2023 TO 17/2/2023	5	Review 1 Presentations
20/02/2023 TO 28/02/2022	6	Detail ML Algorithm implementation
03/03/2023 TO 10/03/2023	7	Integration of GUI with ML Algorithm code
14/03/2023 To 21/03/2023	8	Report Writing
20/04/2023 TO 20/04/2023	9	Review 2 Presentations

SCHEDULE FOR MINI PROJECT

Title of the Project: Big Mart Sales Prediction	
Group No. 15	Name of Student 1: Madhur Dukhande
	Name of Student 2: Manashree Chavan
	Name of Student 3: Aryan Amin
	Name of Student 4: Mayur Jain
Name of the Guide: Prof. Rujata Chaudhari	

PROGRESS/ATTENDANCE REPORT

Sr. No	Date	Attendance				Progress/Suggestion	Mapping		
		1	2	3	4		CO	PO	PSO
1	13/01/2023 TO 18/01/2023					Group formation and Topic finalization. Identifying the scope and objectives of the Mini Project	CO1, CO2, CO3, CO9	PO1, PO2, PO9	PSO1
2	20/01/2023 TO 26/01/2023					Identifying the functionalities of the Mini Project	CO2, CO4, CO3, CO6	PO1, PO2, PO9	PSO1
3	29/01/2023 TO 3/01/2023					Discussing the ML Algorithm..	CO4, CO3, CO6	PO1, PO2, PO9 ,PO12	PSO1

4	4/02/2023 TO 10/02/2023					Designing the Graphical User Interface (GUI)	CO4, CO3, CO6	PO1, PO3, PO5 ,PO9, PO11, PO12	PSO1 ,PSO2
5	17/02/2023 TO 17/2/2023					Review 1 Presentations	CO3, CO6	PO8,PO10,PO 9	
6	20/02/2023 TO 28/02/2022					Detail ML Algorithm implementation	CO5, CO3, CO6	PO1,PO3, PO7 ,PO9,PO11,P O12	PSO1, PSO2
7	03/03/2023 TO 10/03/2023					Integration of GUI with ML Algorithm code	CO5, CO3, CO6	PO1,PO3, PO5 ,PO7,PO9 ,PO 11,PO12	PSO1, PSO2
8	14/03/2023 To 21/03/2023					Report Writing	CO5, CO3, CO6	PO1,PO3, PO5 ,PO7,PO9 ,PO 10,PO11, PO1 2	PSO1, PSO2, PSO3
9	20/04/2023 TO 20/04/2023					Review 2 Presentations	CO3, CO6	PO8,PO10,PO 9	