

## Vidyavardhini's College of Engineering and Technology

## Department of Artificial Intelligence & Data Science

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Class:	TE	Semester:	The control of the co
Course Code:	the state of the s	Course Name:	AI.

Name of Student:	Sainath	Khot
Roll No. :	20	
Assignment No.:	6	
Title of Assignment:		
Date of Submission:	en tinde S. agament hims vers - vin segarer (especialistica) est sedan prin	
Date of Correction:		

## **Evaluation**

Performance Indicator	Max. Marks	Marks Obtained	
Completeness	5	7.	
Demonstrated Knowledge	3		
Legibility	2		
Total	10		

Performance Indicator	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Completeness	5	3-4	1-2
Demonstrated Knowledge Legibility	3	2	1
Legibility	2	1	0

## Checked by

Name of Faculty : Signature :

Date .

AI - 6

Identify component in Partial ording for 0 meaning show a socke In certain of partial orders love meaning show and socke, the element are: Socks: These must be worn before show SHOES: There are also only be worr after such - Partil ordning components - Floments - Socks (duft (, right) show ( luft a right) Relations (Partial order) - left sock < left shoe - Righ sock < right shoe No spuific ordr - there is not sprifte relation but " left such & right sock last show ( right show. - This you are use sock in any order trimials for shoe as long or socks on worn before Start right shoe ( indused) FOR EDUCATIONAL USE

22 you mosts for artain sempany with astomer date that includes ago, gender, purchase history, total amount spent, a bhavior. 1) Cytomi Signeditation 2) Purchase Prediction Idwift leaving in At astann Signition. - This is an unsupervised learning. - he use disdring algorithm like knews or Hierarcheal dusting - If anytomize can be grouped into octagorier like frequent buyers or coursel shopping allowing for targated marketing strategies. Punhase Prediction - This is a supervised learning - Sine us have a labelled dataset which is used to predict future purchases. - Classifiation is done using Logistic Regression - 5 Al predid, if a assamer will buy a product next month based on their purchase history 6 behaviour.