(ii) Association Rule Mining ARM' also colled as Market Basker Analysis (MBA) and Agginity
Analysis. is called Murket Basket, upport: (s) Pencentage (%) of ensactions (T) that contains of the 1A' and 'B'. ("A" => "B") = P(AaB grequency of association Teacher's Signature.....

Confidence (c) - In a tenansaction set of T' if 'c' is the "/o of times b'B' is procent in ball the tenansactions C=P(B/A) = P(ANB)
P(A) e storength of association. Parameters (i) Finding all items that appears
prequently in transaction. I min.
support count.

(ii) Finding Storong associations
among grequent items.) confidence.

Association Rule Analyzes and predicts customers

behaviour.

12/then statements.

Example.

Bread > butter buys & onions, potatoes => huys {tomdos Parts of Association Rule Bread => butter [20%, 45%] Briend: Ancedent Butten: Consequent 20% > Support 45% > considence Support & Considerce A => B Support denotes probability

Teacher's Signature.

that contains both A & 13. that a transaction containing Example .. Total transaction: 100 Briend: 20 50, 20 \$ 100 = 20% which is In 20 transaction, butter i 9 fransactions, So, 9/20 # 100 = 45% which is considence