

Decision Tables

Specification

CUSTOMER

If the customer is a new customer, offer 20% discount on next order

If the customer is a repeat customer, offer free shipping

RISK LEVEL OF GOODS

If the risk level of goods is high, then

If the customer is a new customer, check their credit record

If the customer is a repeat customer, then:

If the past orders total > £500, fine

Otherwise check their credit record

Customer type	New customer				Repeat customer			
	High risk		Low risk		High risk		Low risk	
Past orders total	>500	<500	>500	<500	>500	<500	>500	<500
20% discount next order								
Free shipping								
Check credit history								

New customer	T	T	T	T	F	F	F	F
High risk level of goods	T	T	F	F	T	T	F	F
Past orders total > 500	-	-	-	-	T	F	-	-
20% discount next order								
Free shipping								
Check credit history								

Decision Table for the Triangle example

a,b,c form a triangle									
a = b									
a = c									
b = c									
Not a triangle									
Scalene									
Isosceles									
Equilateral									
Impossible									