

Decision Table Testing

Decision Table Testing is a technique used to test complex business logic with multiple conditions and actions. Using 0 (No / False) and 1 (Yes / True) makes the table concise and easy to understand.

Where it is used:

- Approval workflows
- Feature toggles
- Access or discount rules

Practical Example: Discount Eligibility System

Business Rule:

A customer can receive a discount if they meet certain conditions:

Conditions (0 = No / False, 1 = Yes / True):

- Is customer a member?
- Has customer spent more than \$100?
- Is there a seasonal promotion active?

Action: Apply Discount (1 = Yes, 0 = No)

Decision Table (Binary):

Member	Spent > \$100	Seasonal Promo	Apply Discount
1	1	1	1
1	1	0	1
1	0	1	1
1	0	0	0
0	1	1	1
0	1	0	0
0	0	1	0
0	0	0	0