Rule Conditions
Order

Rule Conditions	First Variable	Second Variable	Third Variable
Website	is is not	Drop-down list of pre-defined options.	
Transaction Date	before after	Relative date (+/- days). Enter value in field or deselect check box and use calendar. Value must be YYYY-MM-DD or an integer from -999 to 999	
Customer			
Customer Name	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 64 character limit)	
Customer Name Validation	is is not	Long drop-down list of options: Filter Field (filters list of options and you can add more options)	
Customer Gender	is is not	Male Female Neutral first name Unknown first name or not first name present	
Customer Email	contains doesn't contain starts with	User input field (alphanumeric, 64 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	doesn't start with ends with is is not		
Customer Email Validation	is is not	Long drop-down list of options: Filter Field (filters list of options and you can add more options)	
Ship-to-Name	contains doesn't contain starts with doesn't start with ends with is is not	Long drop-down list of options: Filter Field (filters list of options and you can add more options)	
Ship-to-Name Validation	is is not	Long drop-down list of options: Filter Field (filters list of options and you can add more options)	
Ship-to-Email	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 64 character limit)	
Ship-to-Email Validation	is is not	Long drop-down list of options: Filter Field (filters list of options and you can add more options)	
Customer Phone	contains doesn't contain	User input field (alphanumeric, 32 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	starts with doesn't start with ends with is is not		
Customer Unique ID	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 32 character limit)	
Date Customer Unique ID Was Set	before after	Relative date (+/- days). Enter value in field or deselect check box and use calendar. Value must be YYYY-MM-DD or an integer from -999 to 999	
Customer IP Address	starts with doesn't start with is is not	Value must be a valid IPv4 address or leaving substring thereof	

Rule Conditions	First Variable	Second Variable	Third Variable
Billing Address			
Billing Address Line 1	contains doesn't contain starts with	User input field (alphanumeric, 256 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	doesn't start with ends with is is not		
Billing Address Line 2	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 256 character limit)	
Billing Address City	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 256 character limit)	
Billing Address State	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 256 character limit)	
Billing Address Postal Code	contains	User input field (alphanumeric, 20 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	doesn't contain starts with doesn't start with ends with is is not		
Billing Address Country	is is not	Long drop-down list of check boxes for every country: Filter Field (filters list of options and you can add more options)	
Billing Address Type	is is not	Long drop-down list of options: Filter Field (filters list of options and you can add more options)	
Billing Address Deliverable	Yes/No button		
Billing Address Carrier Route	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 4 character limit)	
Billing Address Delivery Point	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 2 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
Billing Address Delivery Point Validation	is is not	Long drop-down list of delivery point types.	
Billing Address Country Name	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 64 character limit)	
Billing Address Company Name	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 32 character limit)	
Billing Address Time Zone	is is not	GMT +/- Hour options	
Billing Address Zip Code Type	is is not	Standard Military PO Box Unique	
Billing Address is Commercial Mail Receiving Facility	Yes/No button		
Billing Address Delivery Facility Classification	is is not	Branch Community Post Office Area Distribution Center Sectional Center Facility	

Rule Conditions	First Variable	Second Variable	Third Variable
		General Mail Facility Bulk Mail Facility Money Order Unit Community or Place Name Post Office Station Urbanization (Used in Puerto Rico) Vanity Name	
Billing Address Validation	is is not	Long drop-down list of billing address types.	

Rule Conditions	First Variable	Second Variable	Third Variable
Billing Phone			
Billing Phone Number	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 32 character limit)	
Billing Phone Area Code	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 3 character limit)	
Billing Phone City	contains	User input field (alphanumeric, 64 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	doesn't contain starts with doesn't start with ends with is is not		
Billing Phone State	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 8 character limit)	
Billing Phone County	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 64 character limit)	
Billing Phone Country	is is not	Long drop-down list of country check boxes: Filter Field (filters list of options and you can add more options)	
Billing Phone Time Zone	is is not	GMT +/- Hour Choices	
Billing Phone Validation	is is not	Long drop-down list of phone types: Filter Field (filters list of options and you can add more options)	

Rule Conditions	First Variable	Second Variable	Third Variable
Shipping Address			
Shipping Address Line 1	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 256 character limit)	
Shipping Address Line 2	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 256 character limit)	
Shipping Address City	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 256 character limit)	
Shipping Address State	contains doesn't contain starts with	User input field (alphanumeric, 256 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	doesn't start with ends with is is not		
Shipping Address Postal Code	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 20 character limit)	
Shipping Address Country	is is not	Long drop-down list of check boxes for every country: Filter Field (filters list of options and you can add more options)	
Shipping Address Type	is is not	Long drop-down list of options: Filter Field (filters list of options and you can add more options)	
Shipping Address Deliverable	Yes/No button		
Shipping Address Carrier Route	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 4 character limit)	
Shipping Address Delivery Point	contains doesn't contain	User input field (alphanumeric, 2 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	starts with doesn't start with ends with is is not		
Shipping Address Delivery Point Validation	is is not	Long drop-down list of delivery point types.	
Shipping Address Country Name	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 64 character limit)	
Shipping Address Company Name	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 32 character limit)	
Shipping Address Time Zone	is is not	GMT +/- Hour options	
Shipping Address Zip Code Type	is is not	Standard Military PO Box Unique	

Rule Conditions	First Variable	Second Variable	Third Variable
Shipping Address is Commercial Mail Receiving Facility	Yes/No button		
Shipping Address Delivery Facility Classification	is is not	Branch Community Post Office Area Distribution Center Sectional Center Facility General Mail Facility Bulk Mail Facility Money Order Unit Community or Place Name Post Office Station Urbanization (Used in Puerto Rico) Vanity Name	
Shipping Address Validation	is is not	Long drop-down list of billing address types.	

Rule Conditions	First Variable	Second Variable	Third Variable
Shipping Phone			
Shipping Phone Number	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 32 character limit)	
Shipping Phone Area Code	contains	User input field (alphanumeric, 3 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	doesn't contain starts with doesn't start with ends with is is not		
Shipping Phone City	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 64 character limit)	
Shipping Phone State	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 8 character limit)	
Shipping Phone County	contains doesn't contain starts with doesn't start with ends with	User input field (alphanumeric, 64 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	is is not		
Shipping Phone Country	is is not	Long drop-down list of country check boxes: Filter Field (filters list of options and you can add more options)	
Shipping Phone Time Zone	is is not	GMT +/- Hour Choices	
Shipping Phone Validation	is is not	Long drop-down list of phone types: Filter Field (filters list of options and you can add more options)	

Rule Conditions	First Variable	Second Variable	Third Variable
Billing and Shipping Addresses Match	is is not	Filter Field (filters list of options and you can add more options) Match check box No Match check box No Billing and/or Shipping Address Provided check box	
Billing and Shipping Postal Codes Match	is is not	Filter Field (filters list of options and you can add more options) Match check box No Match check box No Billing and/or Shipping Address Provided check box	
Order Shipping Type	is is not	Filter Field (filters list of options and you can add more options) Same Day check box Next Day check box 2nd Day check box Standard or Other check box	
Payment Amounts			

Rule Conditions	First Variable	Second Variable	Third Variable
Order Currency	is is not	Select Specific Currency (U.S. Dollars is USD)	
Order Total Amount	Equals Does Not Equal Less Than Greater Than	Specify USD Amount	
Order Fencible Value	Equals Does Not Equal Less Than Greater Than	Specify USD Amount	

Rule Conditions	First Variable	Second Variable	Third Variable
Payment Credentials			
Payment Brand	is is not	Long drop-down list of payment type brand name check boxes: Filter Field (filters list of options and you can add more options)	
Payment Card Number	starts with doesn't start with	User input field (numeric only, input exactly 6 digits)	
Payment Country	is is not	Filter Field (filters list of options and you can add more options) Check boxes for all countries	
Driver's License Type	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 32 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
Payment Type	is is not	Long drop-down list of payment type check boxes: Filter Field (filters list of options and you can add more options)	
Card Type	is is not	Select a credit card type	
Card Indicator	is is not	Credit Card (No PIN) Credit Card (PIN Capable) Debit Card (No PIN) Pin Debit Only with EBT Debit Card (PIN Capable) Pin Debit Only without EBT	
Card Issuing Bank Name	contains doesn't contain starts with doesn't start with ends with is is not	User input field (alphanumeric, 80 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
Order Status			
Order Status Will Ship	Yes/No button		
Order Status Payment Authorized	is is not	yes no	
Order Payment AVS Zip	is is not	Filter Field (filters list of options and you can add more options Match check box No Match check box	

Rule Conditions	First Variable	Second Variable	Third Variable
		Unavailable or Unsupported check box	
Order Status AVS Street	is is not	Filter Field (filters list of options and you can add more options Match check box No Match check box Unavailable or Unsupported check box	
Order Status CVV/CVC/CVV2	is is not	Filter Field (filters list of options and you can add more options Match check box No Match check box Unavailable or Unsupported check box	
RIS Mode			
Initial RIS Mode	is is not	Filter Field (filters list of options and you can add more options Internet check box Phone check box	
Current RIS Mode	is is not	Filter Field (filters list of options and you can add more options Internet check box Phone check box Update (with Risk Evaluation Response) check box Rescore check box	

Shopping Cart

Rule Conditions	First Variable	Second Variable	Third Variable
Cart Product Type Quality	User input (alphanumeric, 255 character limit)	Equals Does Not Equal Less Than	Numeric Value

Rule Conditions	First Variable	Second Variable	Third Variable
		Greater Than	
Cart Product Type Price	User input (alphanumeric, 255 character limit)	Equals Does Not Equal Less Than Greater Than	USD Amount
Cart Product Type Total Price	User input (alphanumeric, 255 character limit)	Equals Does Not Equal Less Than Greater Than	USD Amount
Cart Item Quantity	User input (alphanumeric, 255 character limit)	Equals Does Not Equal Less Than Greater Than	Numeric Value
Cart Item Price	User input (alphanumeric, 255 character limit)	Equals Does Not Equal Less Than Greater Than	USD Amount
Cart Item Total Price	User input (alphanumeric, 255 character limit)	Equals Does Not Equal Less Than Greater Than	USD Amount

VIP List

Rule Conditions	First Variable	Second Variable	Third Variable
VIP List Approve	is is not	Filter Field (filters list of options and you can add more options Email check box Device Fingerprint check box	
VIP List Review	is	Filter Field (filters list of options and you can add more options	

Rule Conditions	First Variable	Second Variable	Third Variable
	is not	Email check box Credit Card check box Gift Card check box Billing Address check box Shipping Address check box Device Fingerprint check box	
VIP List Escalate	is is not	Filter Field (filters list of options and you can add more options No Choices Loaded	
VIP List Decline	is is not	Filter Field (filters list of options and you can add more options Email check box Credit Card check box Gift Card check box Billing Address check box Shipping Address check box Device Fingerprint check box	

Extended Variables

Rule Conditions	First Variable	Second Variable	Third Variable
User Language	is is not	Choose a Language	
Device Country	is is not	Filter Field (filters list of options and you can add more options) Check boxes for all countries	
User Time Zone	is is not	Choose from Numeric drop-down menu	
User Localtime	before after	Choose from Numeric drop-down menu for hours	Choose from Numeric drop-down menu for minutes
Device Fingerprint	contains	User input (alphanumeric 32 character limit)	

Rule Conditions	First Variable	Second Variable	Third Variable
	doesn't contain starts with doesn't start with ends with is is not		
Device Layers			
Device Layer check boxes 1 through 5	All Device Layers offer: contains doesn't contain starts with doesn't start with ends with is is not	User input (alphanumeric 32 character limit)	
Device JavaScript	Yes/No button		
Device Flash	Yes/No button		
Device Cookies	Yes/No button		
Mobile			
Device Mobile	Yes/No button		
Device Mobile Forwarder	Yes/No button		
Device Voice Controlled	Yes/No button		
Device Mobile Type	Yes/No button	Choose a mobile device name from the drop-down list	
Device PC-Remote	Yes/No button		
Device Proxy	Yes/No button		
User Country	is is not	Check boxes for all countries	

Rule Conditions	First Variable	Second Variable	Third Variable
Device Region	is is not	Choose a Region Code	

Persona

Rule Conditions	First Variable	Second Variable	Third Variable
Kount Score	Equals Does Not Equal Less Than Greater Than	User input field (numeric value 0-99)	
Persona Country	is is not	Filter Field (filters list of options and you can add more options) Check boxes for all Countries	
Persona Region	is is not	Choose a Region Code from the drop-down list	
Persona Network Type	is is not	Filter Field (filters list of options and you can add more options) Normal check box Open Proxy check box Anonymous check box Satellite check box Libraries check box High Schools check box Prisons check box	
Data Collector Present	Yes/No button		
Order Velocity (2 week)	Equals Does Not Equal Less Than Greater Than	User input field (numeric value)	

Rule Conditions	First Variable	Second Variable	Third Variable
Order Velocity (6 hour max)	Equals Does Not Equal Less Than Greater Than	User input field (numeric value)	
Custom Order Velocity	User input field for numeric value	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Agent Status			
Review Count	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
Escalate Count	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
Decline Count	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
Approve Count	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
VIP			
Total VIP Reviews	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
Total VIP Escalates	Equals Does Not Equal	User input field for numeric value	

Rule Conditions	First Variable	Second Variable	Third Variable
	Less Than Greater Than		
Total VIP Declines	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
Total VIP Approves	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
Total VIP Reviews by VIP Type	Drop-down list items: Email Billing Address Shipping Address Payments Types (list) UDFs (list)	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Total VIP Escalates by VIP Type	UDF's (list)	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Total VIP Declines by VIP Type	Drop-down list items: Email Billing Address Shipping Address Payments Types (list) UDFs (list)	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Total VIP Approves by VIP Type	Email UDF's (list)	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Unique Counts			

Rule Conditions	First Variable	Second Variable	Third Variable
Unique Email Count	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
Unique Card Count	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
Unique Device Count	Equals Does Not Equal Less Than Greater Than	User input field for numeric value	
User Defined Fields	Lengthy list of UDF check boxes	Equals Does Not Equal Less Than Greater Than	User input field for numeric value

Velocity

Rule Conditions	First Variable	Second Variable	Third Variable
Product Type Velocity	User input (alphanumeric 255 character limit)	Equals Does Not Equal Less Than Greater Than	User input (numeric value)
Product Type Total Price Velocity	User input (alphanumeric 255 character limit)	Equals Does Not Equal Less Than Greater Than	User input (numeric value)
Item Velocity	User input (alphanumeric 255 character limit)	Equals	User input (numeric value)

Rule Conditions	First Variable	Second Variable	Third Variable
		Does Not Equal Less Than Greater Than	
Item Total Price Velocity	User input (alphanumeric 255 character limit)	Equals Does Not Equal Less Than Greater Than	User input (numeric value)
User Defined Fields		Only available if UDFs have been defined	
List of all default and custom UDF check boxes	Variables differ depending on the UDF check box(es) selected		

Distance

Rule Conditions	First Variable	Second Variable	Third Variable
Distance from Proxy to Device	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	
Distance from Device to Billing Address	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	
Distance from Device to Shipping Address	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	

Rule Conditions	First Variable	Second Variable	Third Variable
Distance from Billing Address to Shipping Address	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	
Distance from Billing Phone to Shipping Phone	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	
Distance from Billing Phone to Billing Address	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	
Distance from Billing Phone to Shipping Address	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	
Distance from Billing Phone to Device	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	
Distance from Shipping Phone to Billing Address	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	
Distance from Shipping Phone to Shipping Address	Equals Does Not Equal Less Than Greater Than	User input field (numeric only, 1-5 digits) kilometers	
Distance from Shipping Phone to Device	Equals Does Not Equal Less Than	User input field (numeric only, 1-5 digits) kilometers	

Rule Conditions	First Variable	Second Variable	Third Variable
	Greater Than		

User Defined Fields

Rule Conditions	First Variable	Second Variable	Third Variable
User Defined Fields	Lengthy list of UDF check boxes	Variables available contingent upon the UDF check box(es) selected.	

Negative History

Rule Conditions	First Variable	Second Variable	Third Variable
Order			
Merchant - Card Chargebacks	Choose a chargeback code from the drop-down menu	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Network -Card Chargebacks	Choose a chargeback code from the drop-down menu	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Universal - Card Chargebacks	Choose a chargeback code from the drop-down menu	Equals Does Not Equal Less Than Greater Than	User input field for numeric value

Rule Conditions	First Variable	Second Variable	Third Variable
Universal - Suspect IP	Yes/No button		
Merchant - Suspect Device Layers	Yes/No button		
Persona			
Merchant - Card Chargebacks	Choose a chargeback code from the drop-down menu	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Network -Card Chargebacks	Choose a chargeback code from the drop-down menu	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Universal - Card Chargebacks	Choose a chargeback code from the drop-down menu	Equals Does Not Equal Less Than Greater Than	User input field for numeric value
Universal - Suspect IP	Yes/No button		
Merchant - Suspect Device Layers	Yes/No button		

Compare Variables

Rule Conditions	First Variable	Second Variable	Third Variable
Compare two different variables	choose a variable: click the link and select a variable from the Rule Conditions list.	Variables available contingent upon the first variable selected.	choose a variable: click the link and select a variable from the Rule Conditions list.