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A Quick Guide **to DMN**

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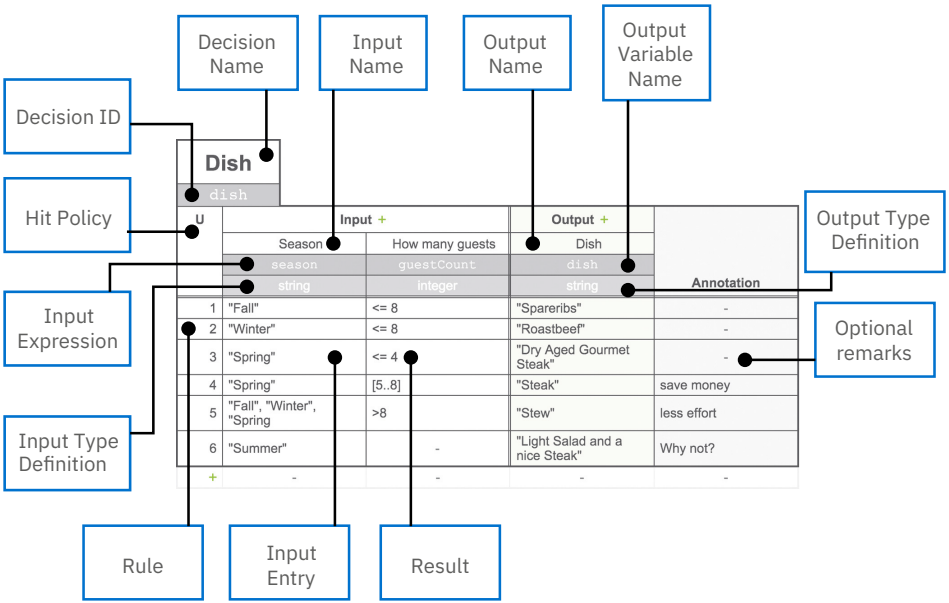
The DMN-Table:

Design & Implementation Point of View



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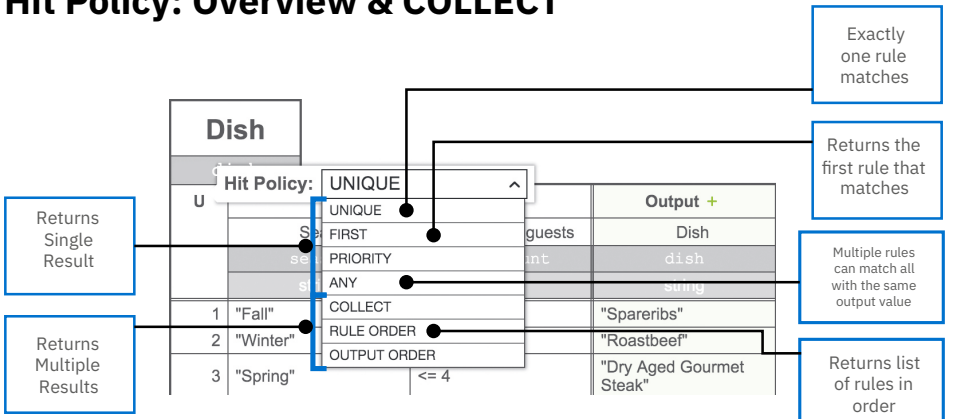
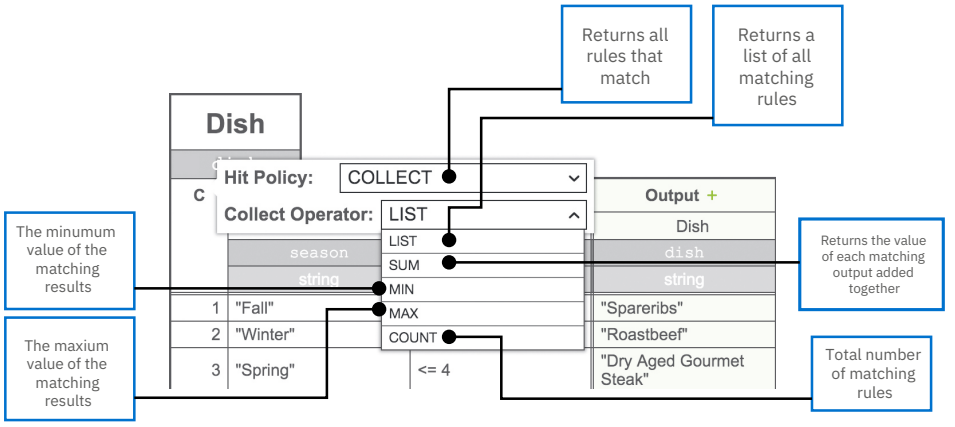
Hit Policy: Overview & COLLECT





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FEEL (Friendly Enough Expression Language)

DataType	Example
String	“ninja”
Numeric	>12
Boolean	true
Date	date and time(“2016-03-16T12:00:00”)

Numeric Comparison	Description
10	Tests if the input value is equal to 10
<10	Tests if the input value is less than 10
<=10	Tests if the input value is less than or equal to 10
>10	Tests if the input value is greater than 10
>date and time(“2016-03-16T12:00:00“)	Dates can also be used for comparison

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FEEL – Numeric Ranges

Numeric Range	Description
[1..10]	Input is between 1 and 10 – including both 1 and 10
]1.. 10]	Input is between 2 and 10 – 1 is not included
]1.. 10[	Input is between 2 and 9 – 1 and 10 are not included
[1.. 10[	Input is between 1 and 9 – 10 is not included
(1.. 10)	“(” and “)” have the same meaning as “]” and “[“ so this would be: Input is between 2 and 9; 1 and 10 are not included

Date Range	Description
[date and time(„2015-03-16T12:00:00“).. date and time(2016-03-16T12:00:00“)]	Input is between and including the two dates shown

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FEEL – Disjunction and Negation

Expression	Description
3, 5, 7	Input is either 3, 5 OR 7
<2, >10	Input is either less than 2 or greater than 10
10, [20..30]	Input is either 10 or between 20 and 30
“Accepted”, “Suspended”	Input is either of the two specified strings

Expression	Description
not(3)	Input is any numeric value other than 3
not(>10)	Input is any numeric value not greater than 10
not(10, [20..30])	Input is not equal to 10 or between 20 or 30
not(“Accepted”)	Input does not match the string “Accepted”

Hint: You can use variables in your expressions

if applicant.maritalStatus in (“M”, “S”) then “valid” else “not valid”

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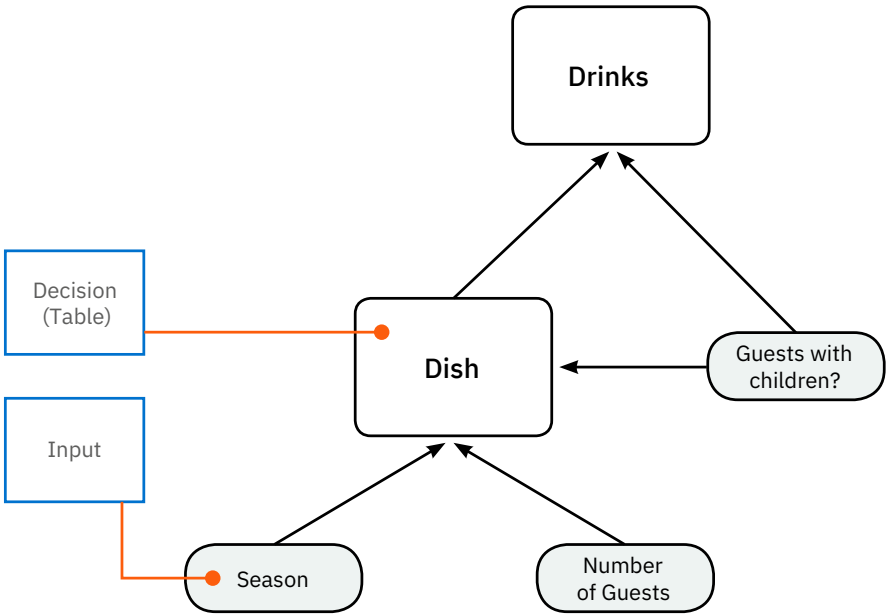
DRD (Decision Requirements Diagrams)