

if

Description

Return one value if a condition is `true`, otherwise return an alternative value.

Syntax

Like many functions in DataPrime, `if` supports [two notations](#), **function** and **method** notation. These interchangeable forms allow flexibility in how you structure expressions.

Function notation

```
if(condition: bool, then: any, else: any?): any
```

Method notation

```
(condition: bool).if(then: any, else: any?): any
```

Arguments

Name	Type	Required	Description
condition	bool	true	Condition to evaluate
then	any	true	Value to return if the condition is <code>true</code>
else	any	false	Value to return if the condition is <code>false</code>

Example

Use case: Add a flag based on whether an IP belongs to a subnet

If an IP is in the `10.0.0.0/8` range, mark it with a flag. This avoids recalculating the condition multiple times.

Example data

```
{  
  "ip": "10.8.0.8"  
}
```

Example query

Function notation

```
create is_in_10_subnet from if(ipInSubnet(ip, '10.0.0.0/8'), true, false)
```

Method notation

```
create is_in_10_subnet from ip.ipInSubnet('10.0.0.0/8').if(true, false)
```

Example output

```
{  
  "ip": "10.8.0.8",  
  "is_in_10_subnet": true  
}
```

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