

Boolean Logic & Truth Tables

AND Operator

A	B	A and B
True	True	True
True	False	False
False	True	False
False	False	False

OR Operator

A	B	A or B
True	True	True
True	False	True
False	True	True
False	False	False

NOT Operator

A	not A
True	False
False	True

Finance Example: Buy Signal

```
price = 145.00  
  
volume = 1000000  
  
buy = (price < 150) and (volume > 500000) # True  
  
print(f"Buy signal: {buy}") # Buy signal: True
```