Report on Pine Script & Trading View

SOC: Online Trading with Pine Script

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1 Introduction

The video was about the essential topics, including operators, **if-else** conditions, loops, functions, customization options, and creating a simple mean-reverting strategy. **I also find pine script to be similar with python**

2 Key Topics Covered

2.1 Updating to Pinescript Version 5

Using the latest version of Pinescript to stay updated with new developments.

2.2 Basic Operators and Conditions

The tutorial starts with basic operators like addition, subtraction, multiplication, and division. The new "plus equals" and "multiply equals" operators are introduced. The video also had explanation of if-else conditions, demonstrating how to change variable values based on conditions.

2.3 Loops

A for loop with a step value other than one is demonstrated, and the while loop is introduced as a new feature in version five. The while loop continues as long as the condition is met .

2.4 Switch Statements and Functions

The switch statement, which simplifies multiple **if-else** statements. TAuser-defined functions, encouraging their use to simplify code. Examples include calculating the sum of two numbers and creating an array of past prices.

2.5 Customization and Mathematical Functions

There is also customization options for colors and styles. I used some of it when i applied the RSI and Bollinger band indicator on the trading view terminal, there are necessary math functions like `cos`, **avg** , **moving average** , `max`, and `min`. Libraries are mentioned as a valuable resource for accessing and sharing functions created by other traders.

2.6 Mean-Reverting Strategy

The strategy involves going long when the close price is less than the lowest close of the past 10 days and exiting when the close is higher than the highest close of the past 10 days. The strategy includes filters to avoid bad market movements. The strategy could be subjective to the trader , I find this strategy to more of a safe play.