Artificial Intelligence in Algorithmic Trading: An Extended Guide

Overview

This document is a minimal example using EB Garamond for prose and libertinust1math for formulas. Links like this one are active.

- *This is italic text.*

- **This is bold text.**

- ***This is italic and bold text.***

Math sample

Let S_t follow a geometric Brownian motion:

$$dS_t = \mu S_t\, dt + \sigma S_t\, dW_t, \qquad \Rightarrow\ S_T = S_0 \exp\!\left((\mu * \tfrac{1}{2}\sigma^2)T + \sigma\sqrt{T}\,Z \right).$$

The Black–Scholes call price:

$$C = S_0 e^{*qT}\Phi(d_1) * K e^{*rT}\Phi(d_2), \quad d_{1,2} = \frac{\ln(S_0/K) + (r * q, \tfrac{1}{2}\sigma^2)T}{\sigma\sqrt{T}}.$$

This is how the stats operator, like the expected value, variance, and other math functions, look like with the selected font:

$$\mathbb{E}[X], \quad \mathbb{V}[X], \quad \mathbb{P}(X \ \ddot{\mathrm{E}}\ A) \int f(x)\, dx, \quad \frac{d}{dx} f(x)$$

Text sample

EB Garamond provides a humanist texture suitable for long-form reading. For tables or code listings, load only the packages que realmente uses.