

Cold email on Darwin's mechanism of change

Natural selection preserves advantageous inherited variations and rejects injurious ones; over time, divergence and extinction reshape the entire system.

Subject: A more precise model than "adapt or die"

AI-driven change is often described as a simple survival contest. Darwin offers a more useful systems model: variation supplies alternatives, inherited differences persist, and selection favors what works under specific conditions-not because change is consciously directed, but because more individuals are produced than can survive.

That mechanism also explains why change branches rather than merely improves: divergence lets descendants occupy different positions, while less-favored forms become rare and eventually extinct. Darwin then tests the framework against multiple lines of evidence, including classification, morphology, embryology, geographic distribution, and fossil succession.

If you're evaluating how technical expertise may be reshaped, would a concise Darwin-to-systems reading guide be useful? It focuses on where the analogy clarifies-and where it breaks down.