

My Teaching Philosophy

In an era where deep neural networks and large language models dominate the spotlight, it's easy to overlook the foundations that brought us here. But I believe classical machine learning algorithms still have a vital role—not just in practice, but in how we learn to think.

These algorithms are called “classics” for a reason. They are elegant, intuitive, and mathematically beautiful. Whether it's the geometry of margins in an SVM, the probabilistic backbone of logistic regression, or the simplicity of k-NN, each offers more than just a solution to a problem—they offer insight into how we model the world.

As a teacher, my goal is not simply to transfer knowledge. **I want to evoke a feeling.**

That moment when a confusing concept suddenly clicks into place.

That quiet amazement when math and intuition meet.

That realization that a simple idea can be powerful, even profound.

I don't shy away from mathematical depth, but I believe depth should be an invitation, not a barrier. My teaching is rooted in clarity, visual intuition, and structure. I strive to help students build strong mental models—so they don't just remember formulas, but understand why they exist and how they emerge.

To me, teaching is not about performance. It's about connection—between ideas, between theory and practice, and between people. I want my students to feel the beauty I see in this field, and perhaps, make it their own.