

Single Neuron Model

Welcome to today's class!

Class Theme: "Understanding Intelligence at Its Simplest Unit"

- How does a single neuron process information?
- Why is this foundational model essential for understanding complex neural networks?

What You'll Learn:

- Grasp the **structure** and **function** of a single artificial neuron.

Real-World Case Study: Restaurant Decision-Making

Big Question:

Should you eat at a restaurant or not?

Decision Factors:

1. **Food Quality:** How good is the taste, freshness, and presentation?
2. **Ambience:** How inviting and comfortable is the environment?

Let's explore the brain's simplest computational unit and use it to make smarter choices, one neuron at a time. See you in class!