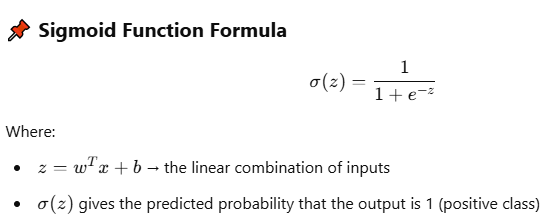
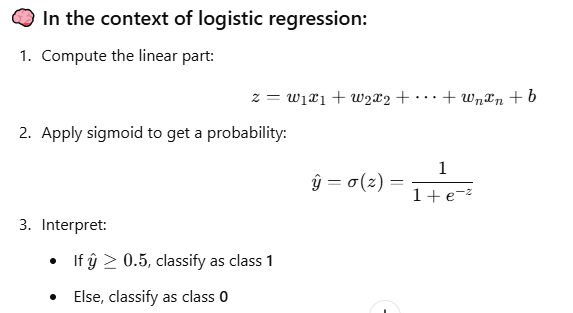
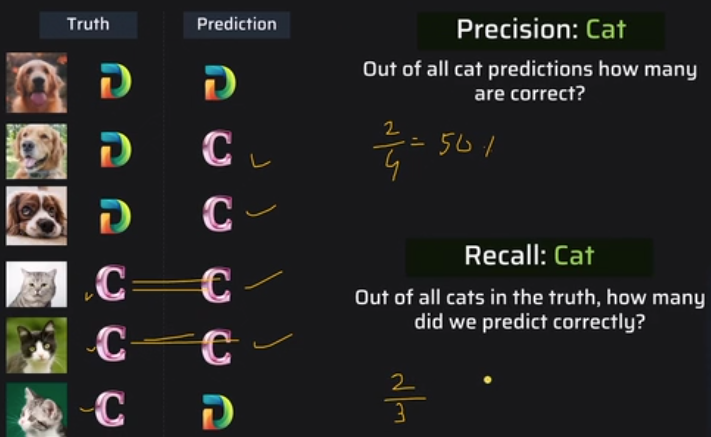
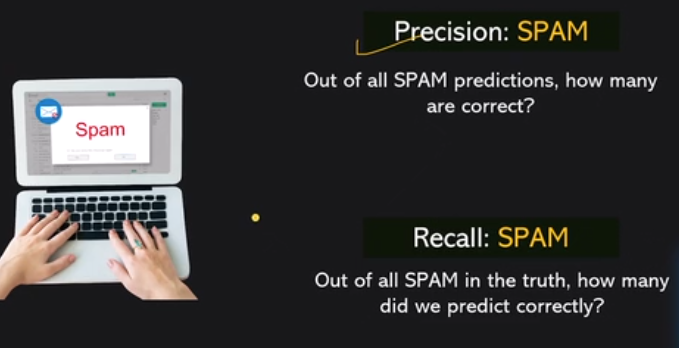
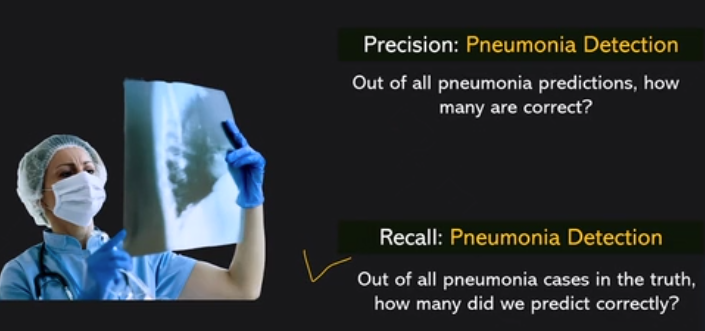
The **sigmoid function** is at the heart of **logistic regression** — it's what maps any real-valued number into a value between 0 and 1, perfect for probability prediction.











**Owning car Example**

