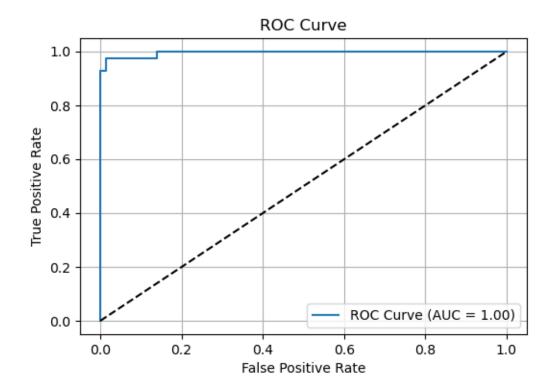
Sigmoid Function: Core of Logistic Regression

The logistic regression model calculates:

 $P(y=1|x) = \sigma(z) = 1/1 + e^{-z}$, where $z=w \cdot x + b$

The sigmoid function outputs a probability from 0 to 1.



ROC Curve

Output