Supervised Learning

Christian Darvin

June 2, 2025

Core Features

1. Data

2. Model

3. Training

4. Evaluating

5. Inference

Data

Datasets consist of individual entries that contain **features** (X) and a **label**. It similar to a single row in a spreadsheet.
Features: values that a supervised model uses to predict the label.
Label: value that we want to predict.

Feature	Value
Operating System	Windows 11
CPU	Intel Core i7-12700H
RAM	16GB DDR4
GPU	NVIDIA RTX 3060
Brand	ASUS
Screen Size and Type	15.6" Full HD IPS
Price ($)	**1,299**

Good datasets are both large (high in quantity) and highly diverse (covering a wide range of categories).

References

- Supervised Learning - Google Developers

- Machine Learning Glossary - Google Developers