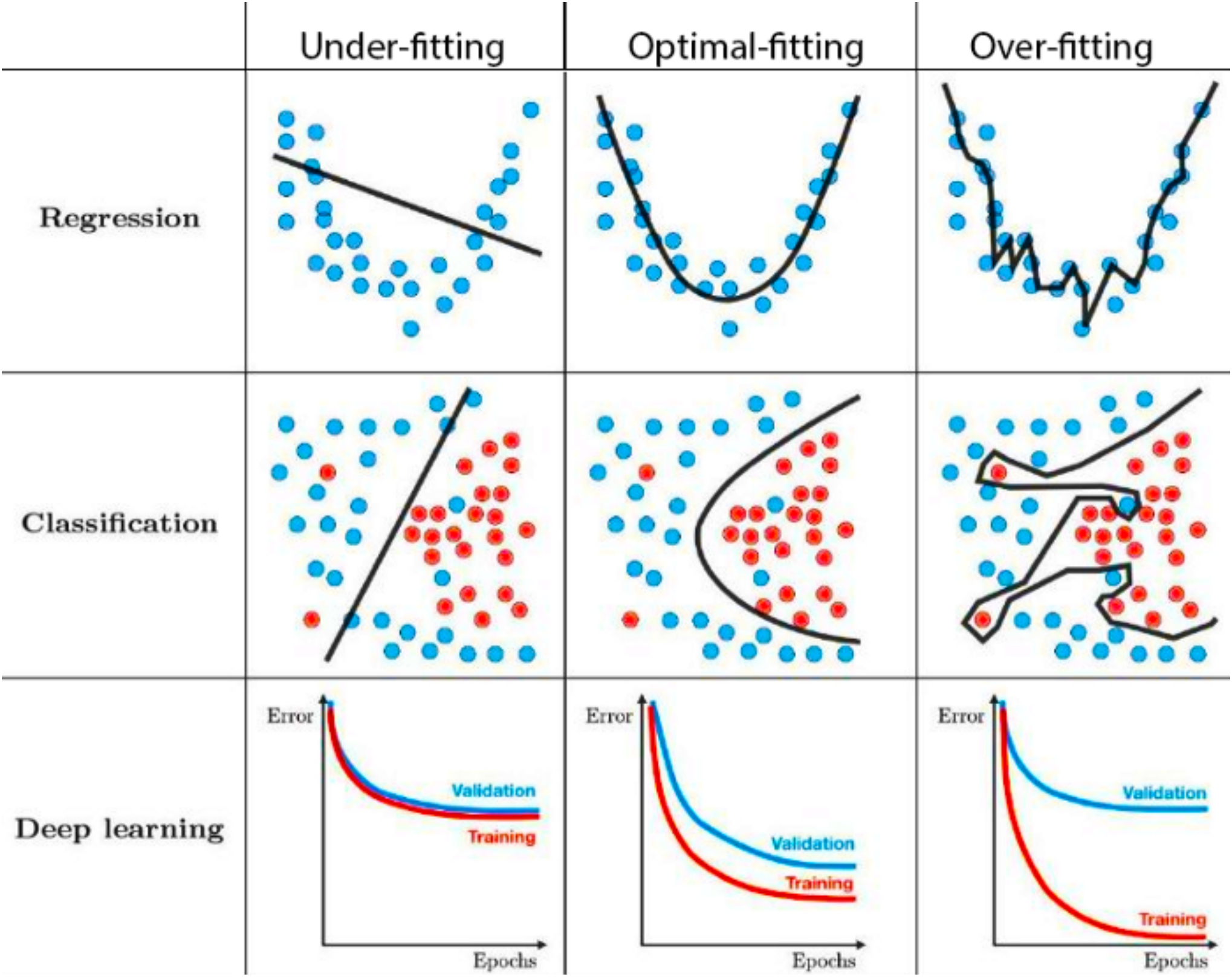
# Sample Size vs. Flexibility

# Statistical Concerns

- Overfitting and underfitting

# Computational Concerns

- Complexity


Under-fitting
Optimal-fitting
Over-fitting
Regression
Classification
Deep learning
Error
Epochs
Validation
Training
Error
Epochs
Validation
Training
Error
Epochs
Validation
Training

# Sample Size vs. Flexibility

**Statistical Concerns**

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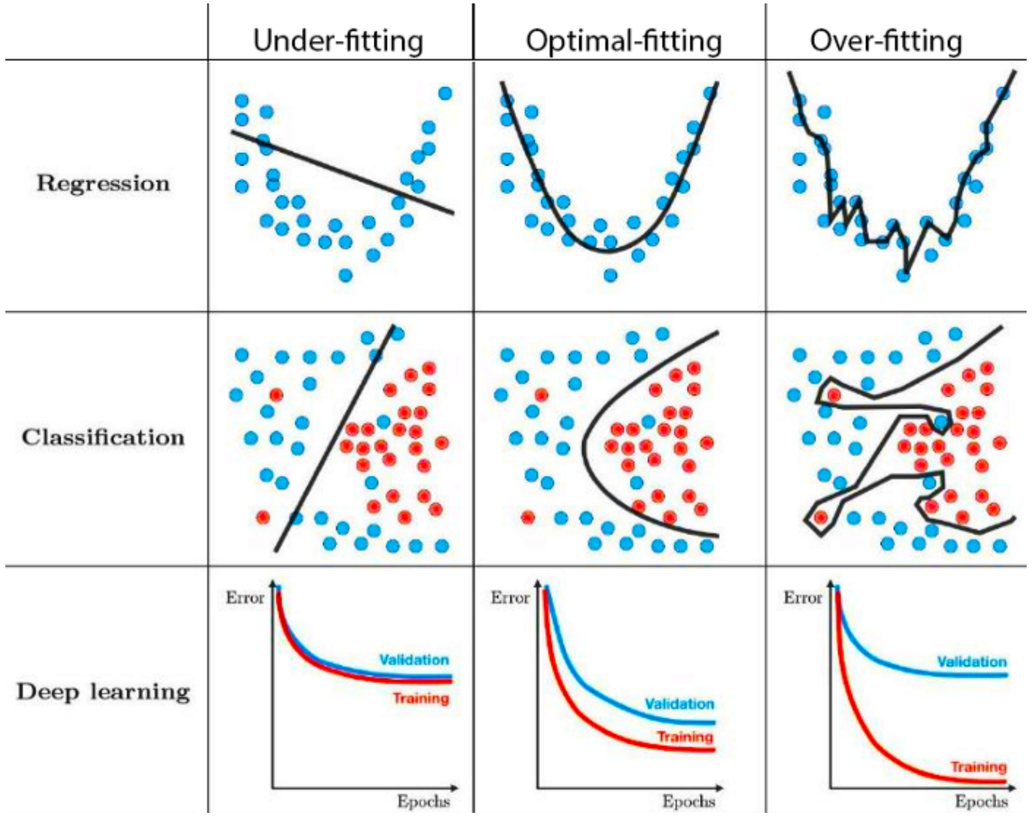

# The Goal of Statistical Learning