

CS 7123: Research Methods

Introduction

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Core Faculty, School of Data Science

University of Texas at San Antonio

Agenda

- Instructor Introduction
- Students Introduction
- Course Syllabus

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- Assistant Professor in Department of Computer Science, UTSA
- Core Faculty in School of Data Science, UTSA

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- Assistant Professor in Department of Computer Science, UTSA
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- Education
 - Ph.D. from The Pennsylvania State University
 - Master's and Bachelor's Degrees from Sharif University of Technology

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- Research Interest: Data Science and Machine Learning
 - Data Science for Social Good
 - Machine Learning in Low-Resource Domains

UN Sustainable Development Goals



Source: sdgs.un.org/goals

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Research Direction

Interdisciplinary Research



Image Credit: Violet Dashi

Research Direction

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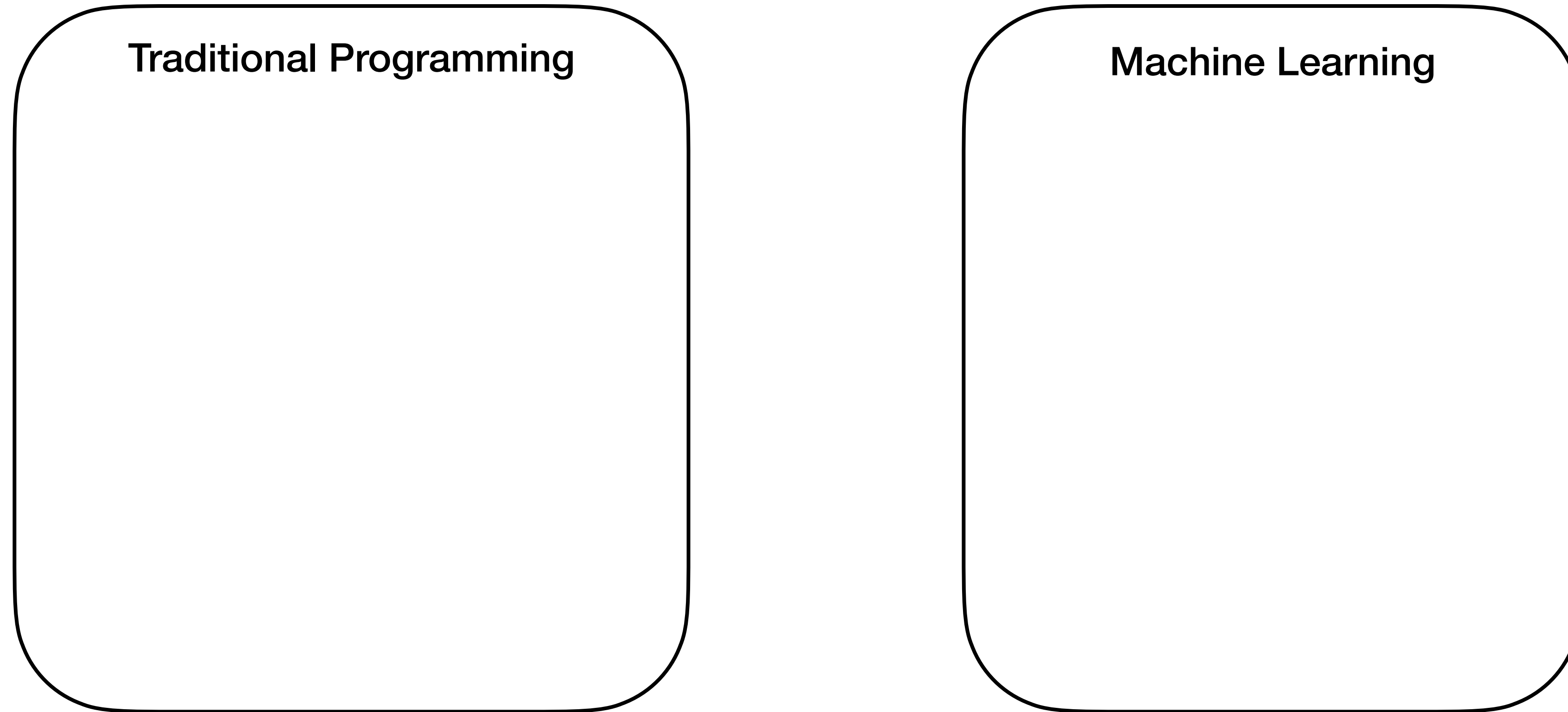
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Research Direction

Machine Learning under Real-World Constraints/Challenges

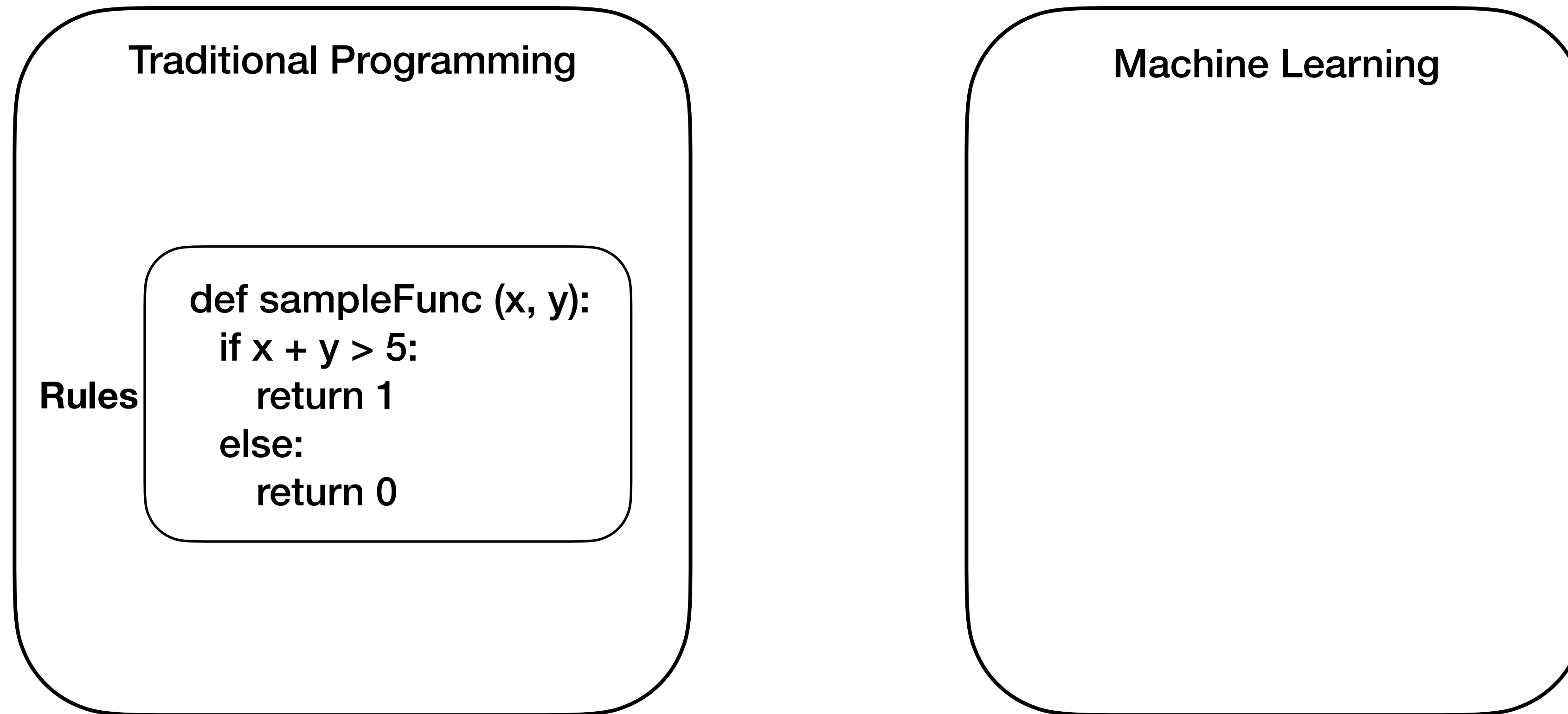
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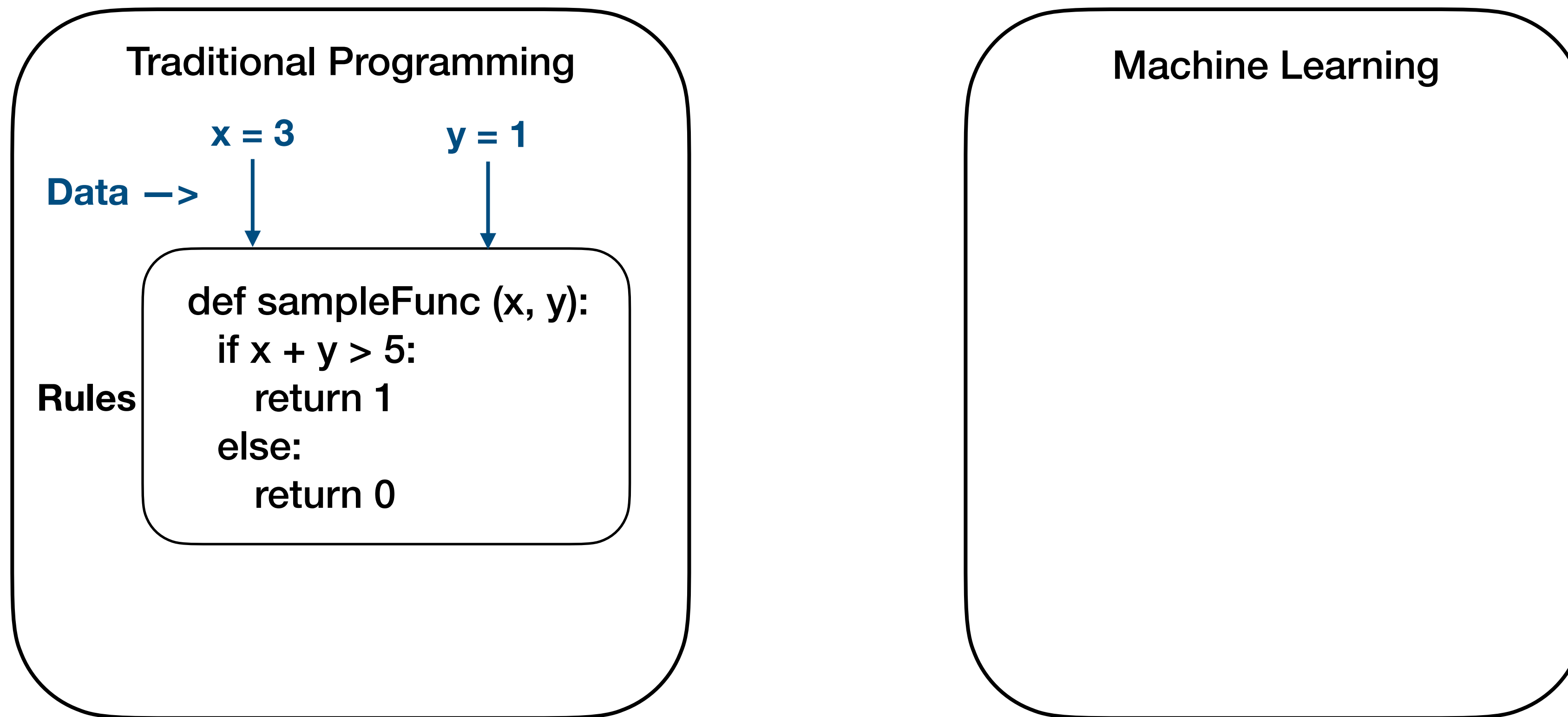
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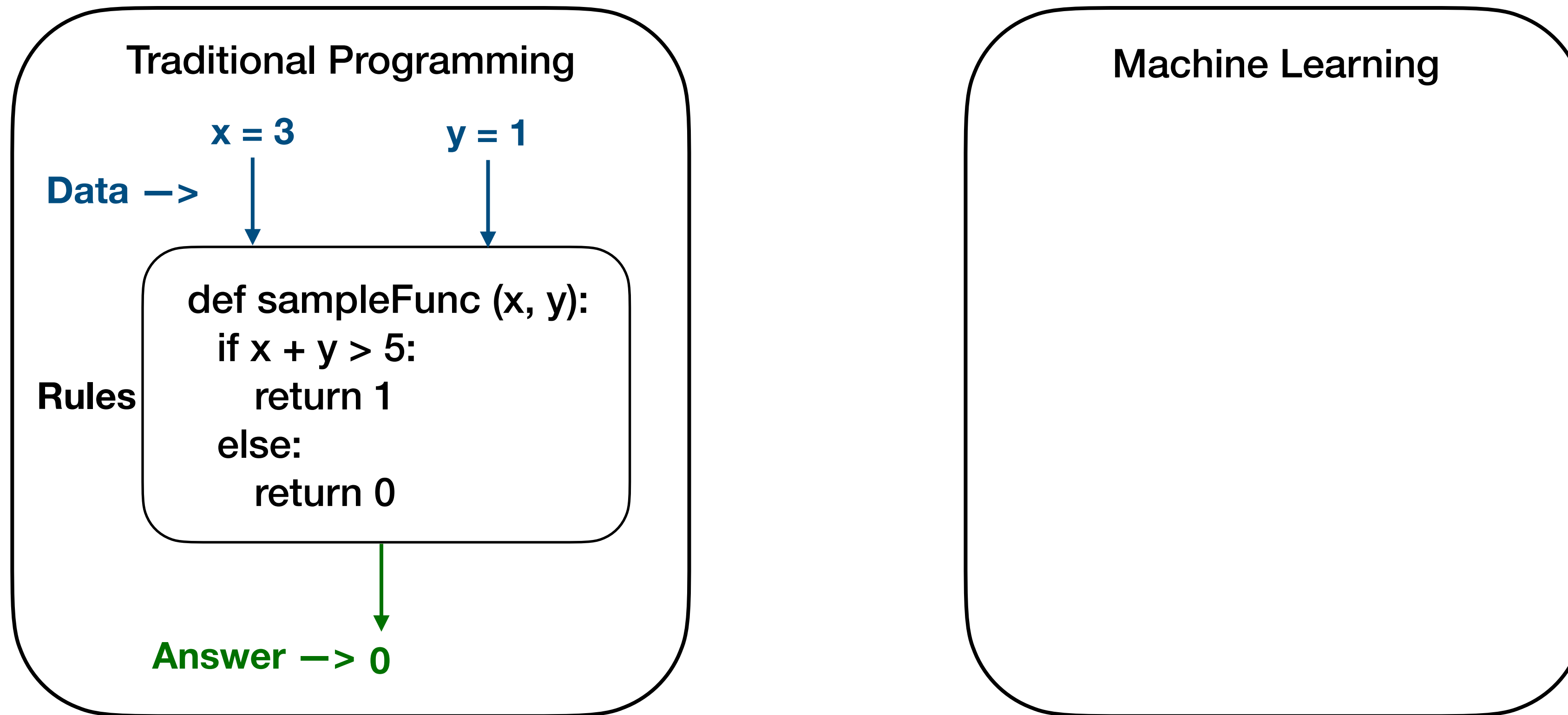
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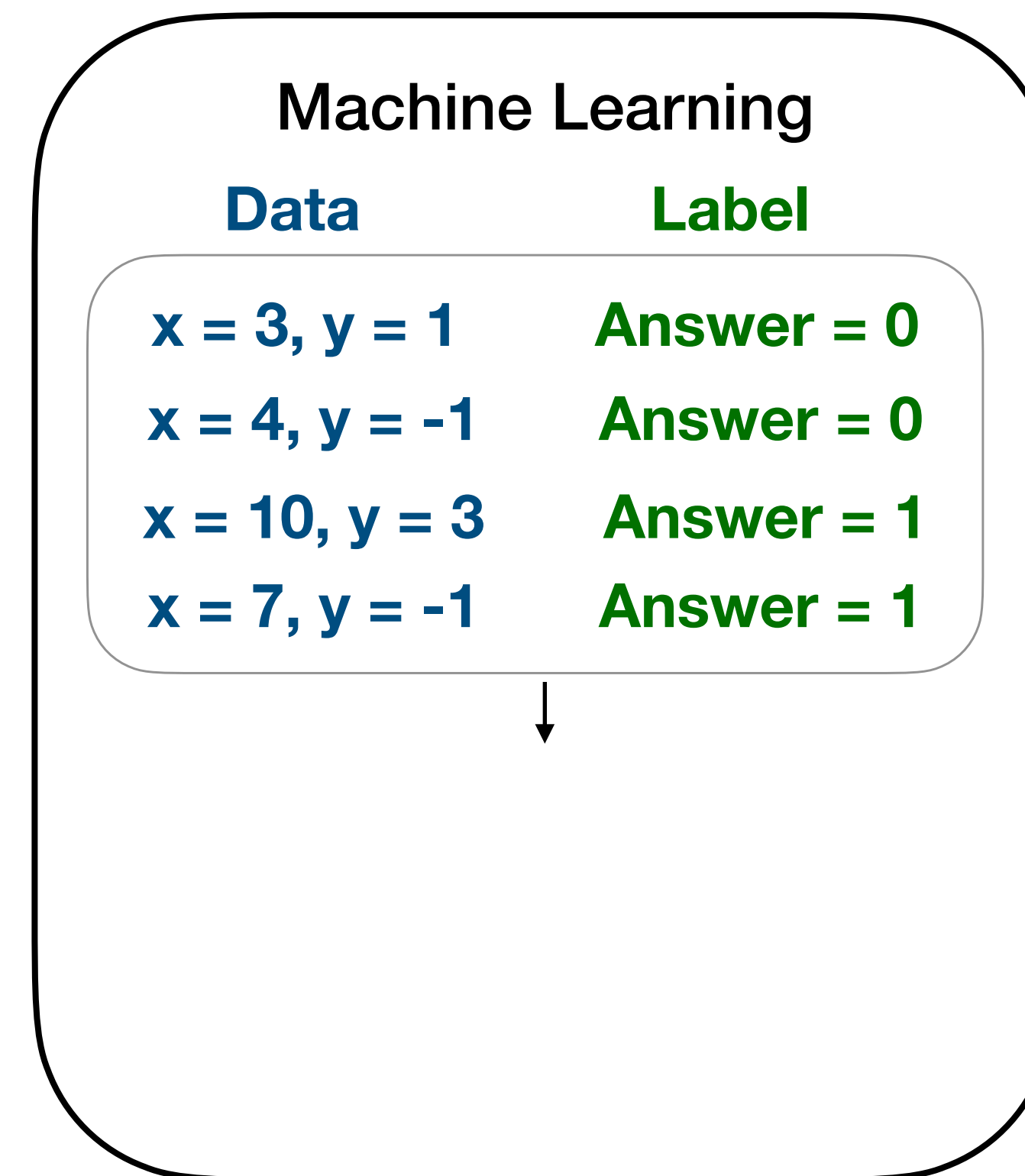
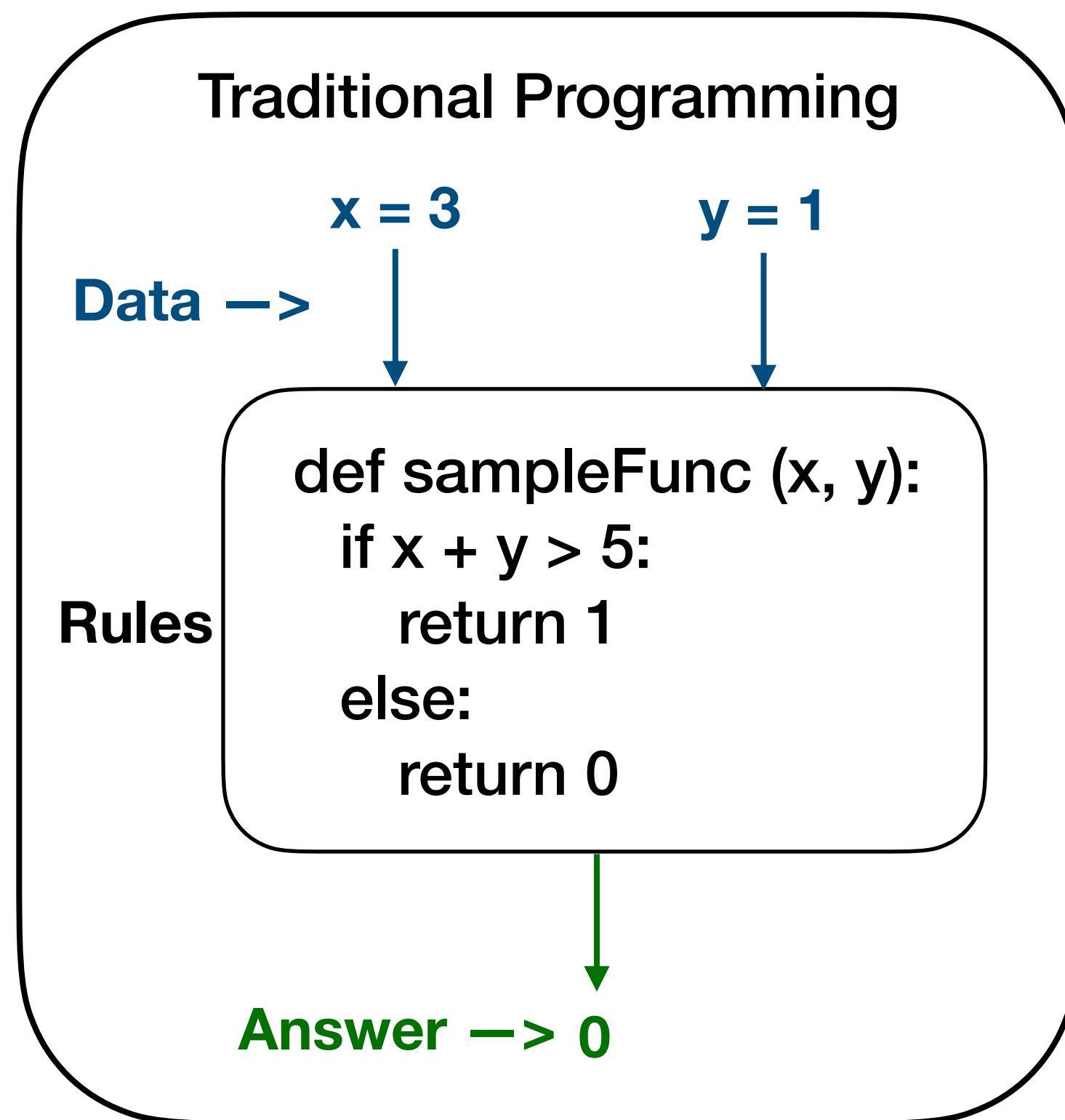
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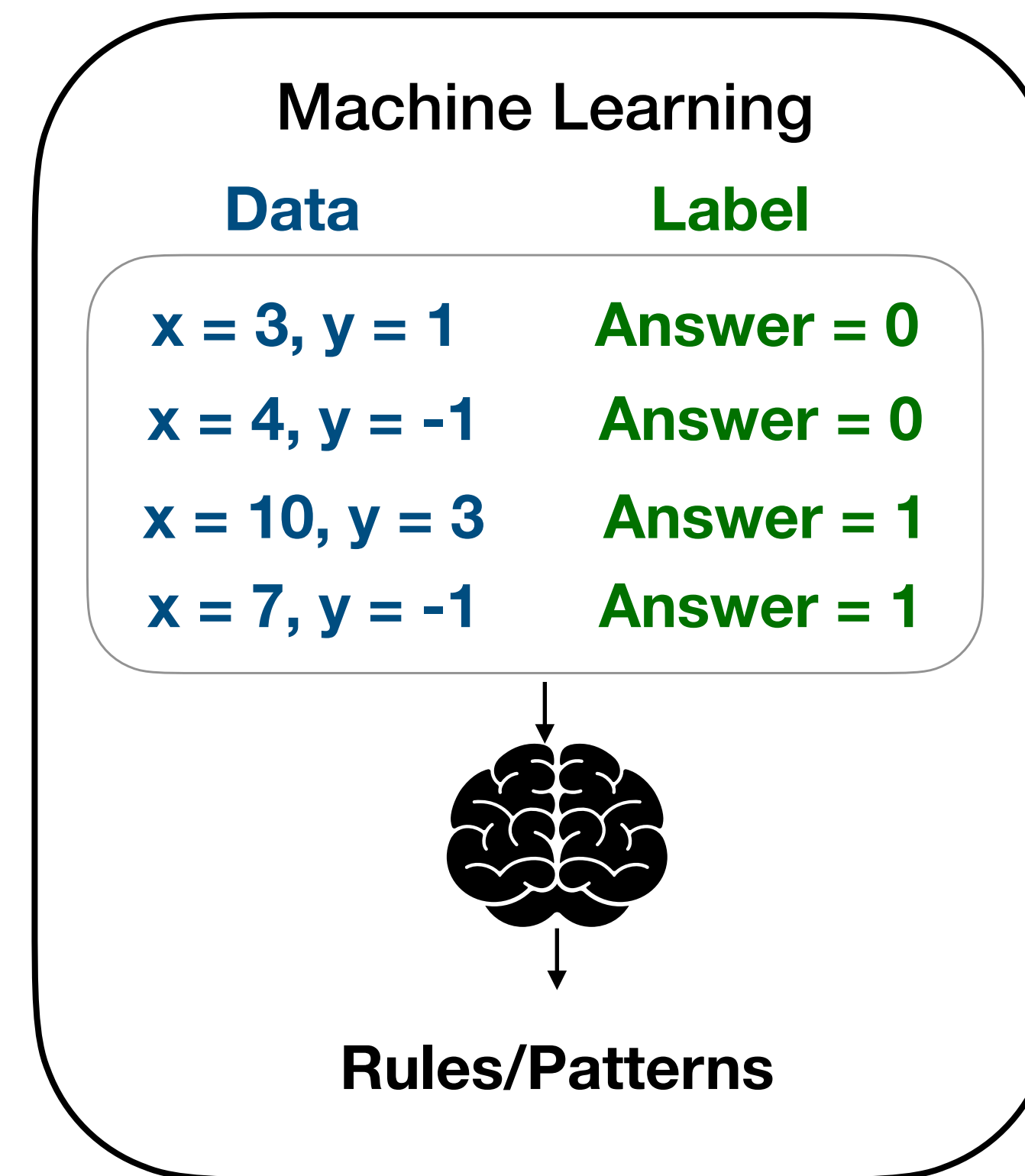
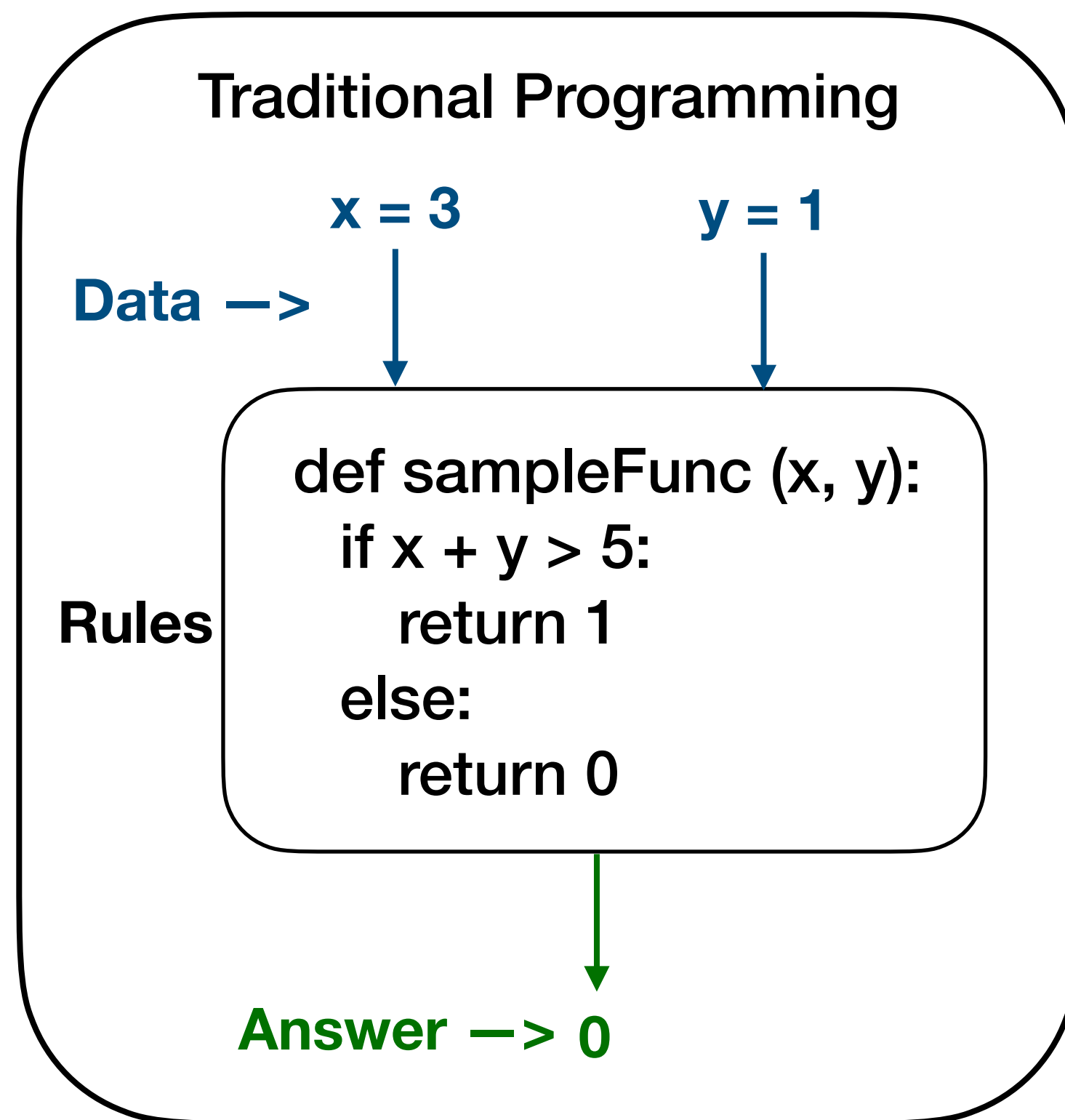
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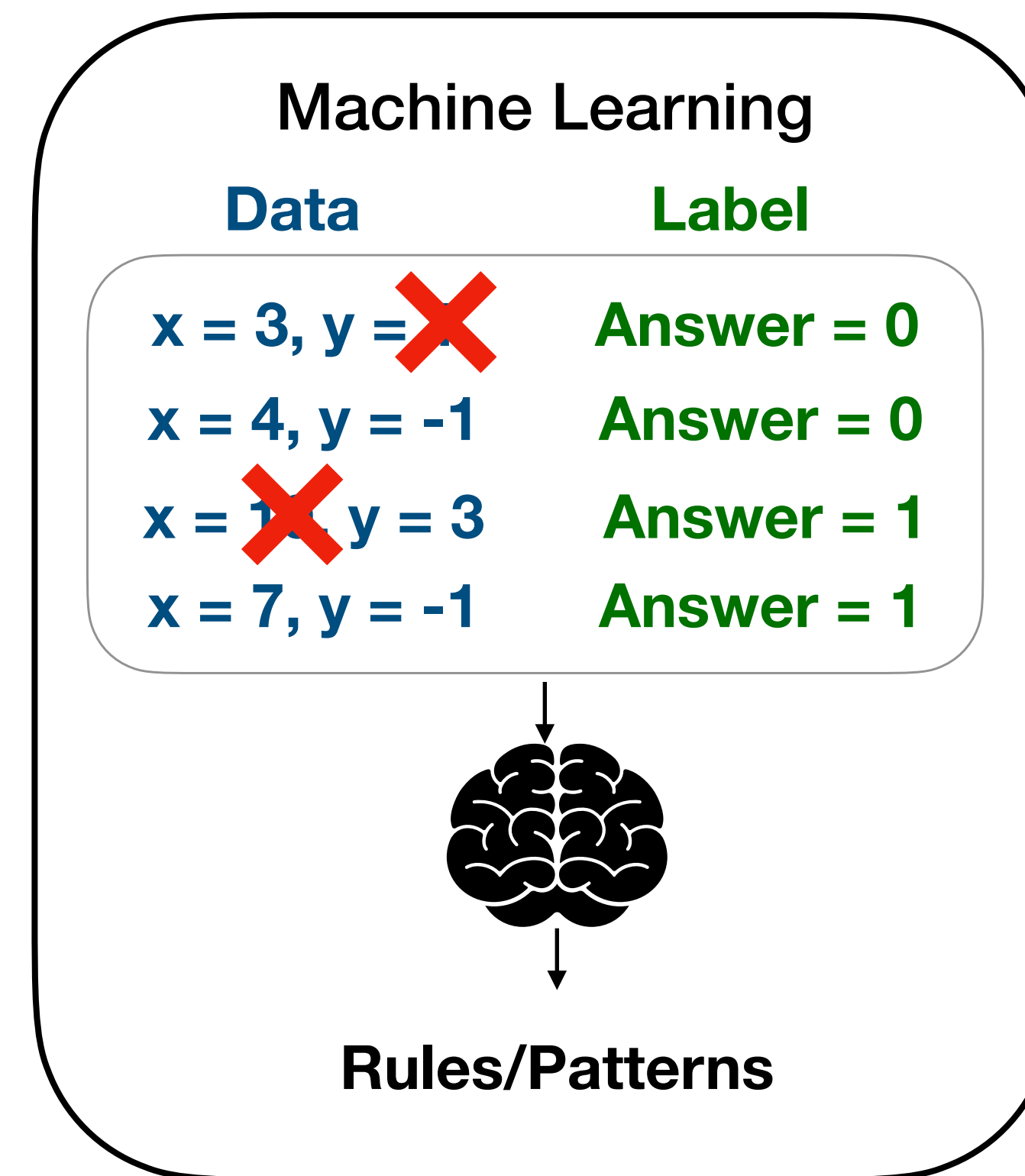
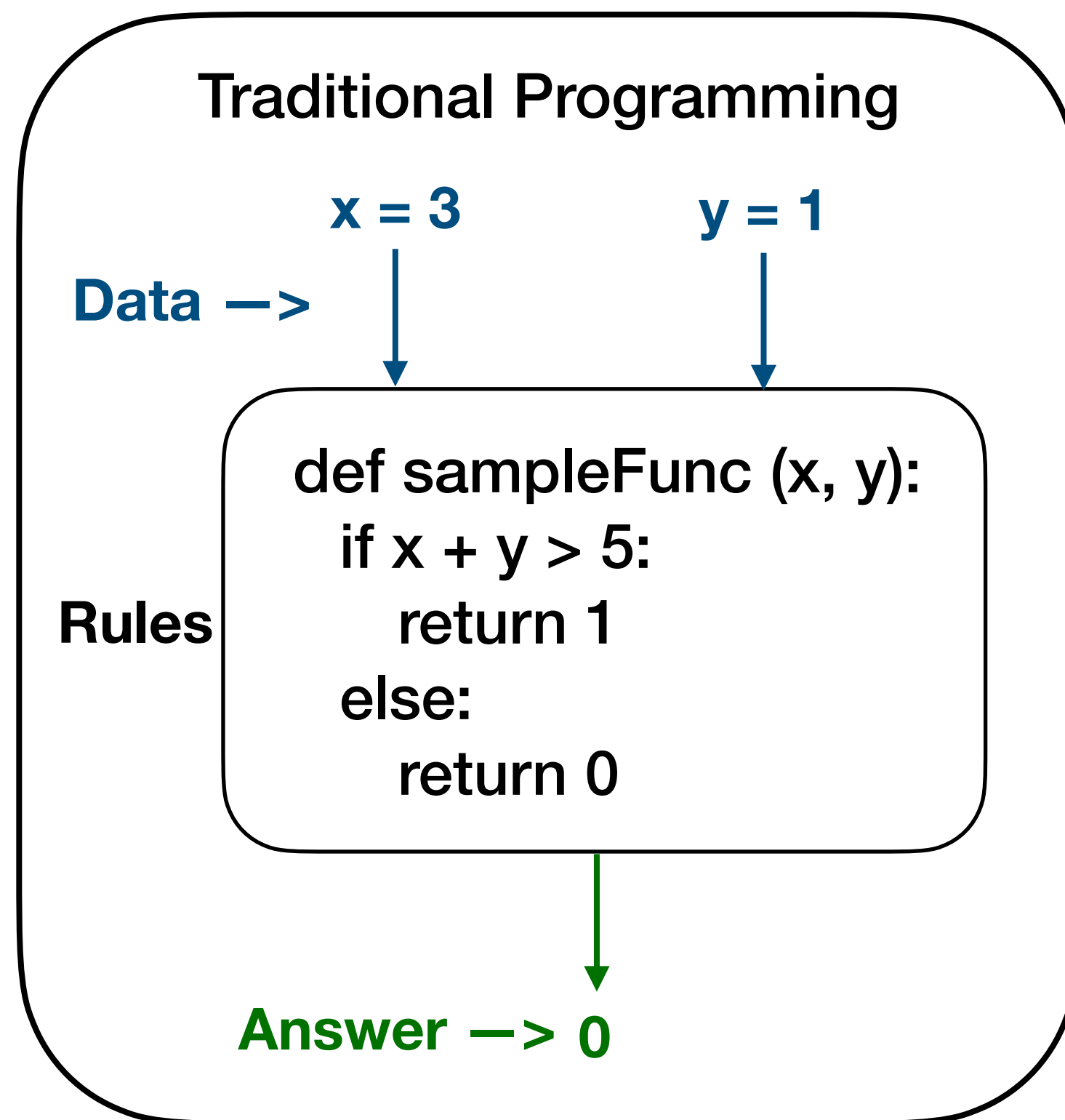
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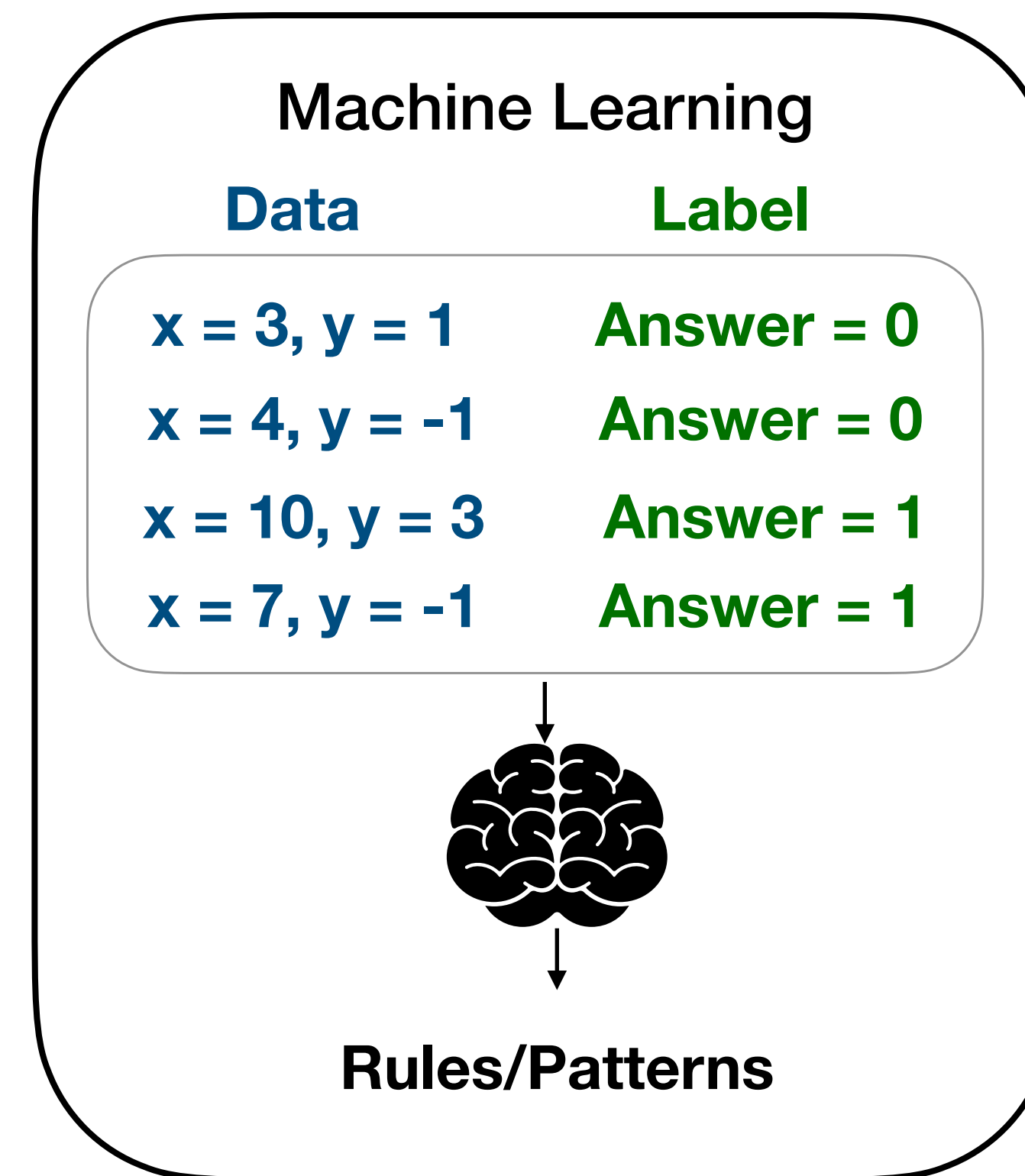
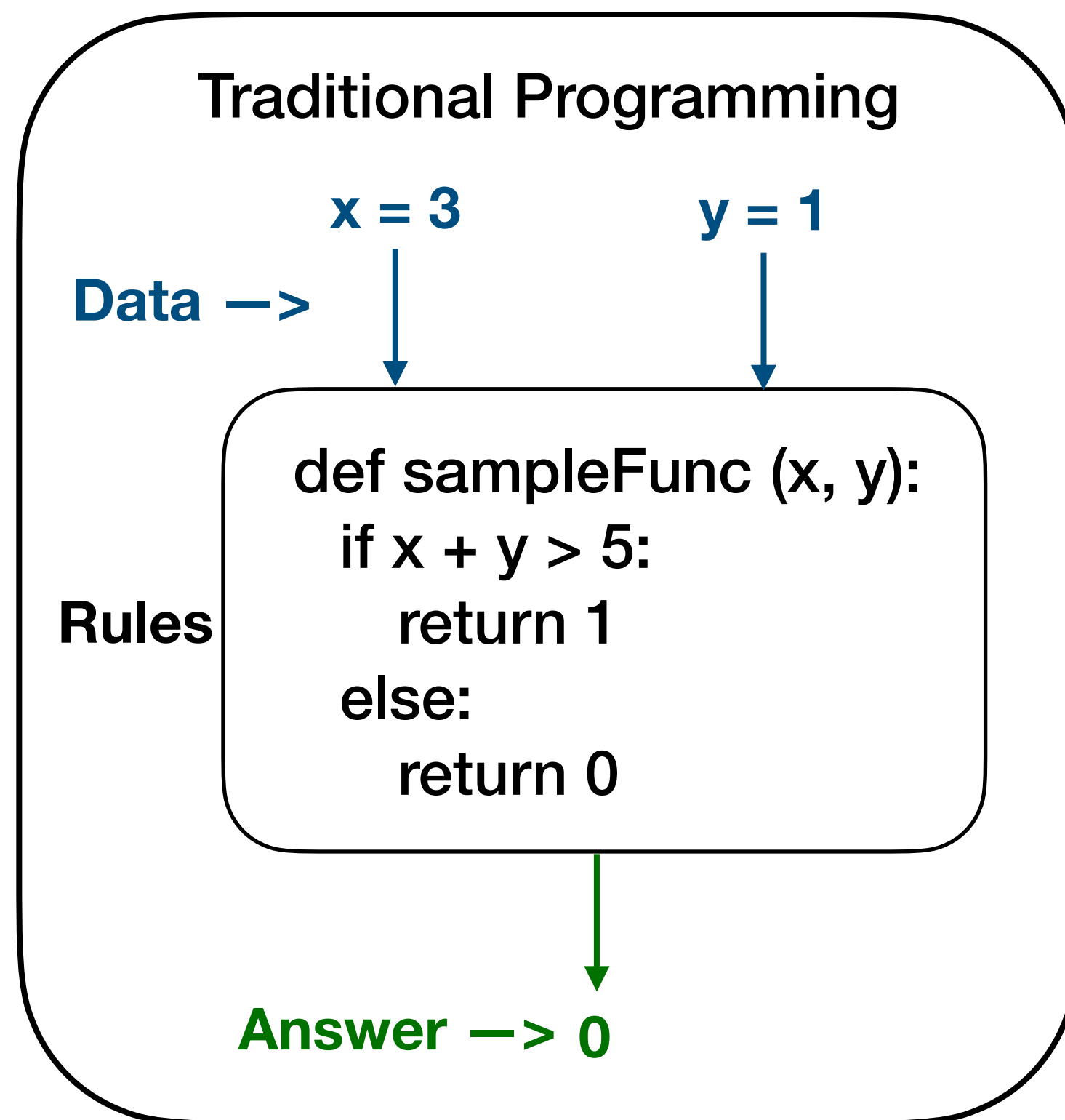
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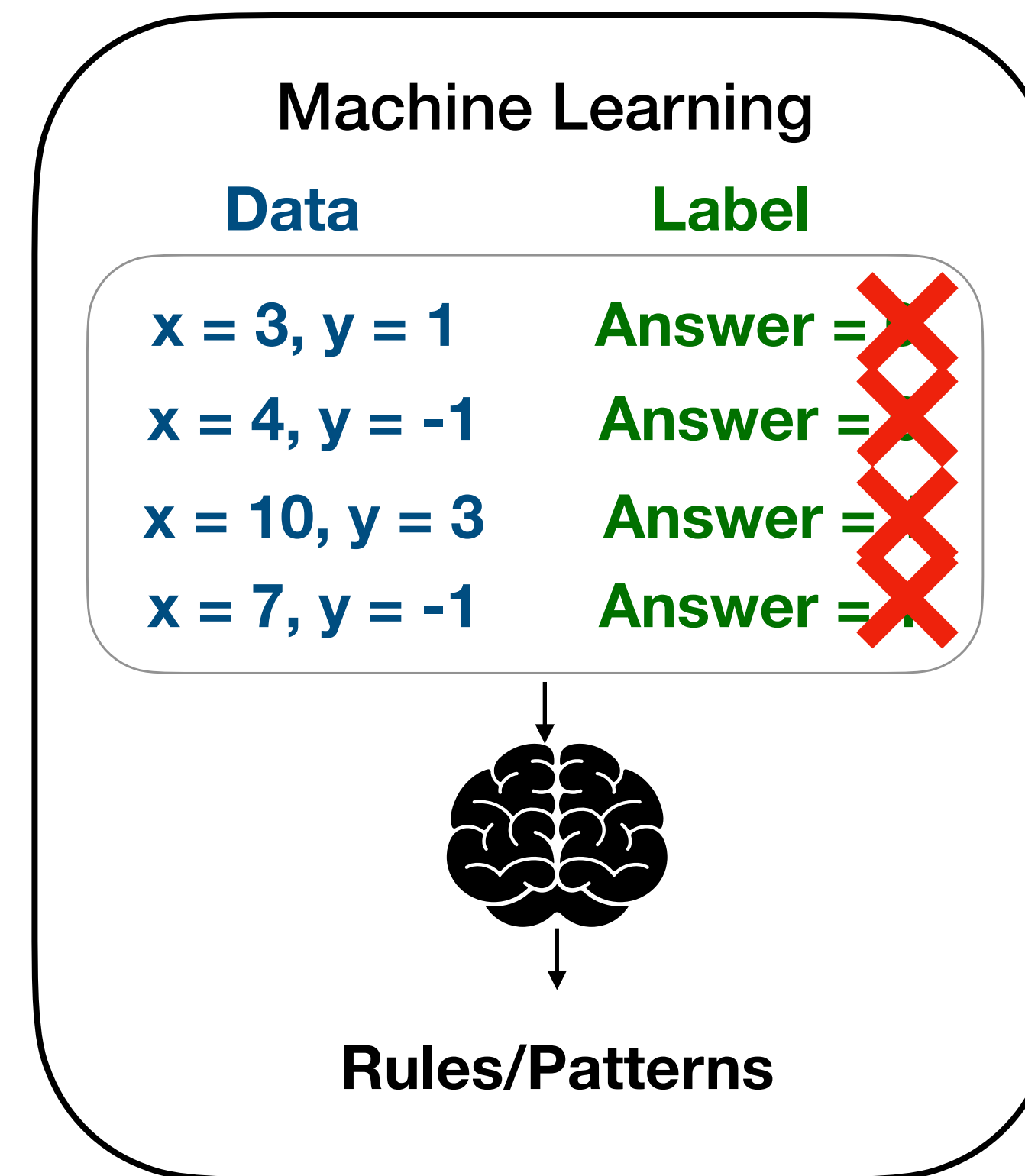
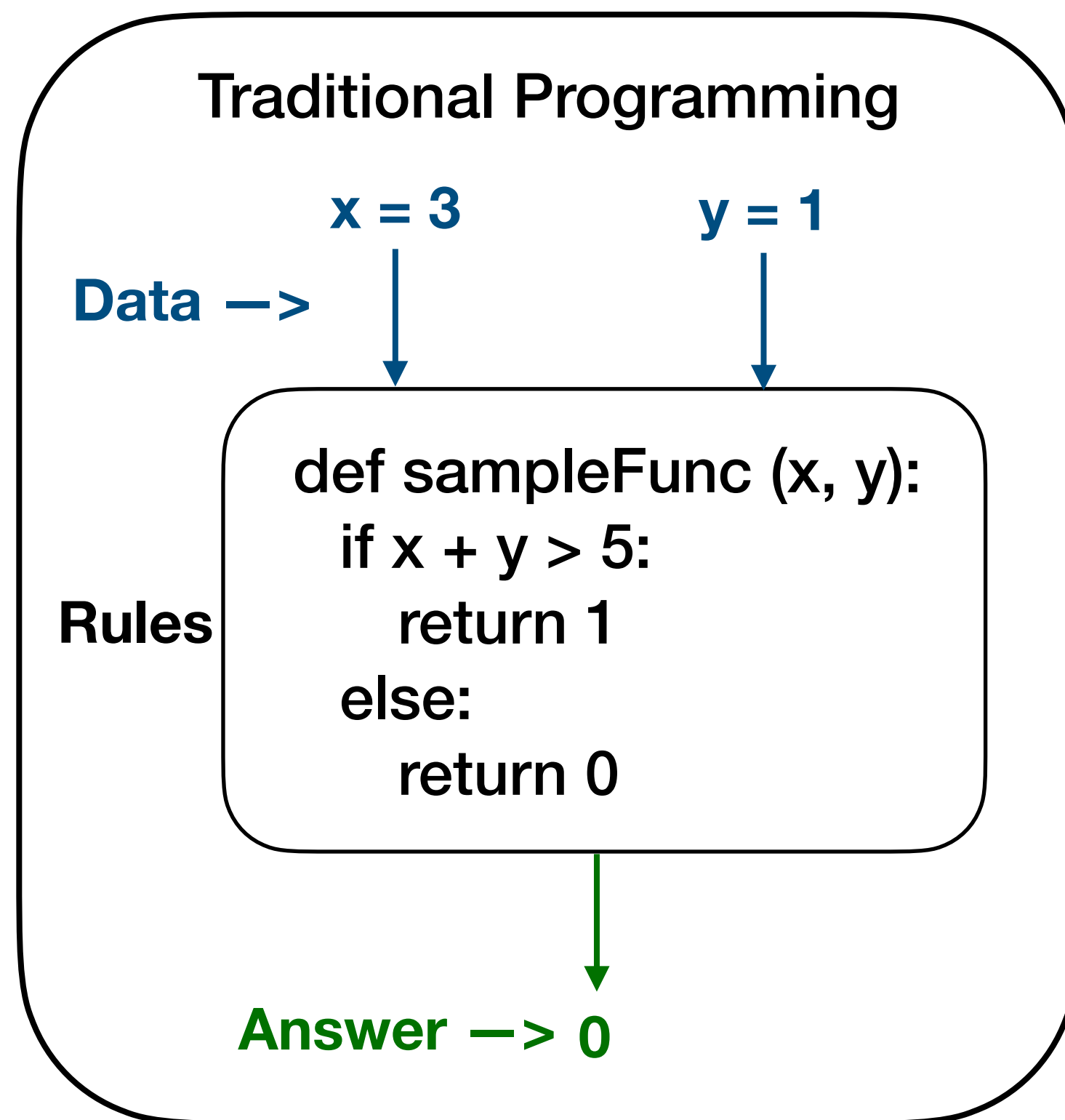
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Experiences

- Research Example

Experiences

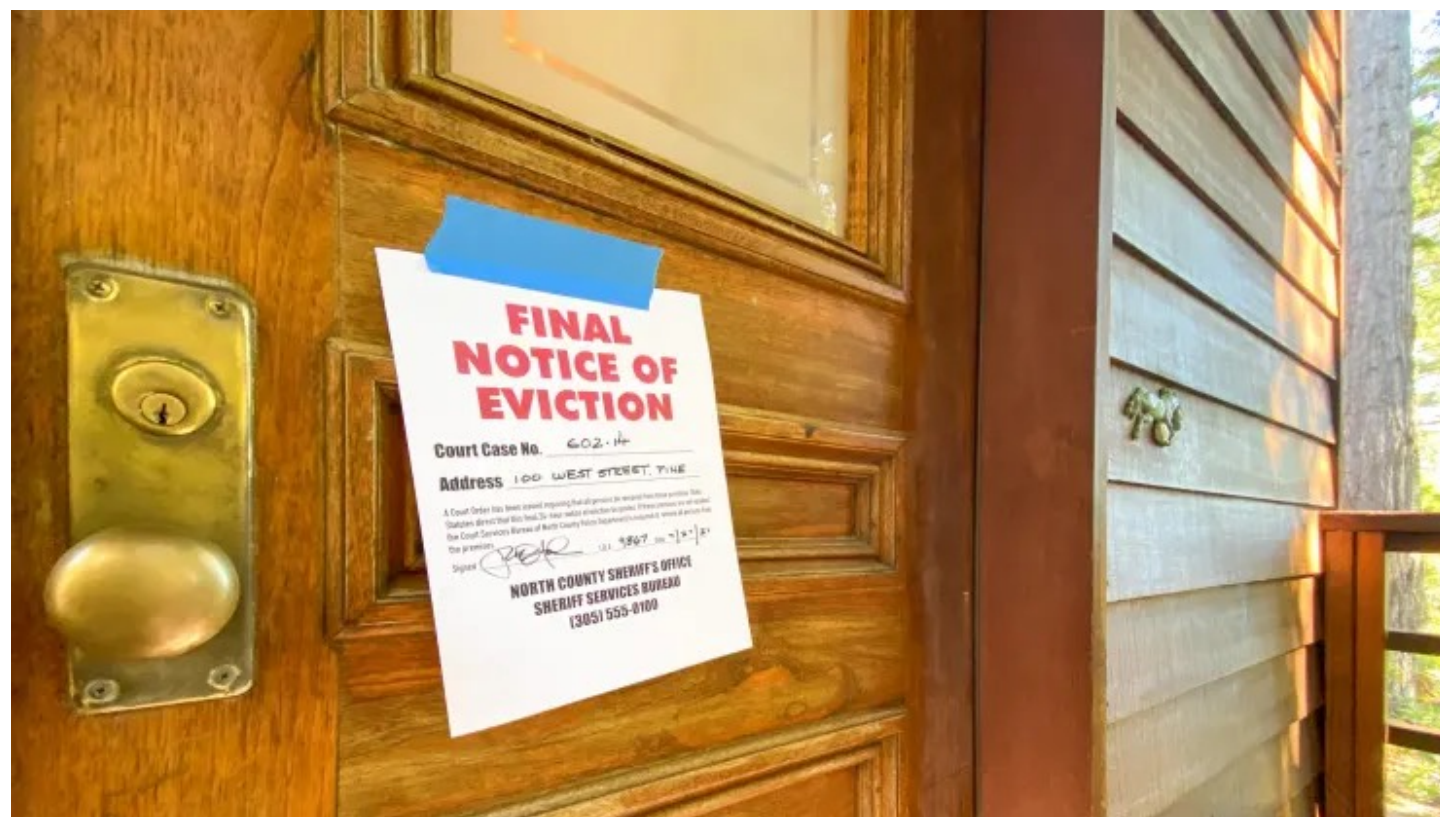
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Goal: How to improve the state of practice and help mitigate the eviction crisis in the USA using data science?

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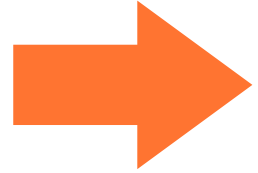


Source: Bill Oxford | iStock | Getty Images | cnbc.com

Goal: How to improve the state of practice and help mitigate the eviction crisis in the USA using data science?

- Industry Experience
 - Data Scientist Intern at Microsoft
 - Data Science Intern at The Washington Post

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- Course syllabus is available on Canvas