

Reinforcement Learning: An Introduction to the Technology

<https://marketpublishers.com/r/RA6DC2D9BE0FEN.html>

Date: January 2020

Pages: 17

Price: US\$ 1,250.00 (Single User License)

ID: RA6DC2D9BE0FEN

Abstracts

REPORT INCLUDES:

A general framework for deep Reinforcement Learning (RL) – also known as a semi-supervised learning model in machine learning paradigm

Assessing the breadth and depth of RL applications in real-world domains, including increased data efficiency and stability as well as multi-tasking

Understanding of the RL algorithm from different aspects; and persuade the decision makers and researchers to put more efforts on RL research

Contents

CHAPTER 1 REINFORCEMENT LEARNING

Reasons for Doing This Report

Intended Audience

Introduction to Reinforcement Learning

Artificial Intelligence and Machine Learning

Four Main Types of Machine Learning

Reinforcement Learning vs. Supervised Learning vs. Unsupervised Learning

Approaches to Reinforcement Learning Algorithms

Characteristics of Reinforcement Learning

Market Dynamics

Drivers

Restraints

Opportunities

Challenges of Reinforcement Learning

Slower Interaction with Real Systems as Compared to Faster Simulated Environments

Higher Variance and Instability

Absence of Reproducibility Due to Lack of Standardized Benchmarks, Frameworks and Evaluation Metrics

Inappropriate Definition of Rewards, Actions and States

Lack of Generalization

Future Aspects of Reinforcement Learning

Future Applications of Reinforcement Learning Across Verticals

Resources Management in Computer Clusters

Traffic Light Control

Robotics

Web System Configuration

Chemistry

Personalized Recommendations

Bidding and Advertising

Games

Market Potential

Companies Working on Reinforcement Learning

BONSAI

DEEPMIND TECHNOLOGIES

MALUUBA INC.

MATHWORKS

Analyst Credentials
Related BCC Research Reports

CHAPTER 2 BIBLIOGRAPHY

List Of Tables

LIST OF TABLES

Table 1: Reinforcement Learning vs. Supervised Learning vs. Unsupervised Learning

Table 2: Global Machine Learning Market, by Region, Through 2024

List Of Figures

LIST OF FIGURES

Figure 1: Reinforcement Learning Process

Figure 2: Reinforcement Learning Workflow

Figure 3: Artificial Intelligence vs. Machine Learning vs. Reinforcement Learning

Figure 4: Machine Learning Applications

Figure 5: Types of Machine Learning

Figure 6: Reinforcement Learning Market Dynamics

Figure 7: Global Machine Learning Market, by Region, 2018-2024

I would like to order

Product name: Reinforcement Learning: An Introduction to the Technology

Product link: <https://marketpublishers.com/r/RA6DC2D9BE0FEN.html>

Price: US\$ 1,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/RA6DC2D9BE0FEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970