HCIA-AI V3.0 Exam Outline

Huawei HCIA-AI V3.0 Certification Exam

Certification	Exam Code	Exam Name	Language	Exam Cost	Exam Duration	Pass Score/ Total Score
HCIA-AI	H13-311	HCIA-AI V3.0	ENU	200USD	90 mins	600/1000

Exam Contents

The HCIA-AI V3.0 exam covers:

- AI Overview
- Machine Learning Overview
- Deep Learning Overview
- Mainstream Development Frameworks for AI
- Huawei AI Development Framework MindSpore
- Huawei AI Computing Platform Atlas
- Huawei Open AI Platform for Smart Devices
- HUAWEI CLOUD Enterprise Intelligence Application Platform

Key Points Percentage

Key Points	Percentage
1.AI Overview	10%
2.Machine Learning Overview	20%
3.Deep Learning Overview	20%
4. Mainstream Development Frameworks for AI	18%
5. Huawei AI Development Framework MindSpore	3%
6. Huawei AI Computing Platform Atlas	5%
7. Huawei Open AI Platform for Smart Devices	2%
8. HUAWEI CLOUD Enterprise Intelligence Application Platform	5%
9. Comprehensive AI Experiment	17%

Knowledge Points

1 AI Overview

1.1 AI Overview

1.2 Technical Fields and Application Fields of AI

1.3 Huawei's AI Development Strategy

1.4 AI Disputes

1.5 Future Prospects of AI

2 Machine Learning Overview

2.1 Machine Learning Definition

2.2 Machine Learning Types

2.3 Machine Learning Process

2.4 Other Key Machine Learning Methods

2.5 Common Machine Learning Algorithms

2.6 Case Study

3 Deep Learning Overview

3.1 Deep Learning Summary

3.2 Training Rules

3.3 Activation Function

3.4 Regularization

3.5 Optimizer

3.6 Types of Neural Network

3.7 Common Problems

4 Mainstream Development Frameworks for AI

4.1 Mainstream Development Frameworks

4.2 TensorFlow 2.x Basics

4.3 Common Modules of TensorFlow 2.x

4.4 Basic Steps of Deep Learning Development

5 Huawei AI Development Framework MindSpore

5.1 AI Framework Development Trends and Challenges

5.2 MindSpore Development Framework

5.3 MindSpore Development and Application

6 Huawei AI Computing Platform Atlas

6.1 Overview of AI Chips

6.2 Hardware Architecture of Ascend Chips

6.3 Software Architecture of Ascend Chips

6.4 Huawei Atlas AI Computing Platform

6.5 Industry Applications of Atlas

7 Huawei Open AI Platform for Smart Devices

7.1 AI Industry Ecosystem

7.2 Huawei HiAI Platform

7.3 Developing Apps Based on Huawei HiAI Platform

8 HUAWEI CLOUD Enterprise Intelligence Application Platform

8.1 HUAWEI CLOUD EI Overview

8.2 EI Intelligent Twins

8.3 AI Services

8.4 Case Studies of HUAWEI CLOUD EI

9 Comprehensive AI Experiment

9.1 Machine Learning Experiment

9.2 Mainstream Development Framework and Deep Learning Experiment

9.3 Huawei AI Computing Framework MindSpore Experiment

NOTE

The content mentioned in this document is a general exam guide only. The exam may also contain more specific or related content that is not mentioned above.