



Oracle Data Platform

Prepare for the Oracle Data Platform Foundations Associate Certification

Certification Preparation

Part 1

Kamryn Vinson

SENIOR PRODUCT MANAGER, DATABASE
ORACLE

Objectives



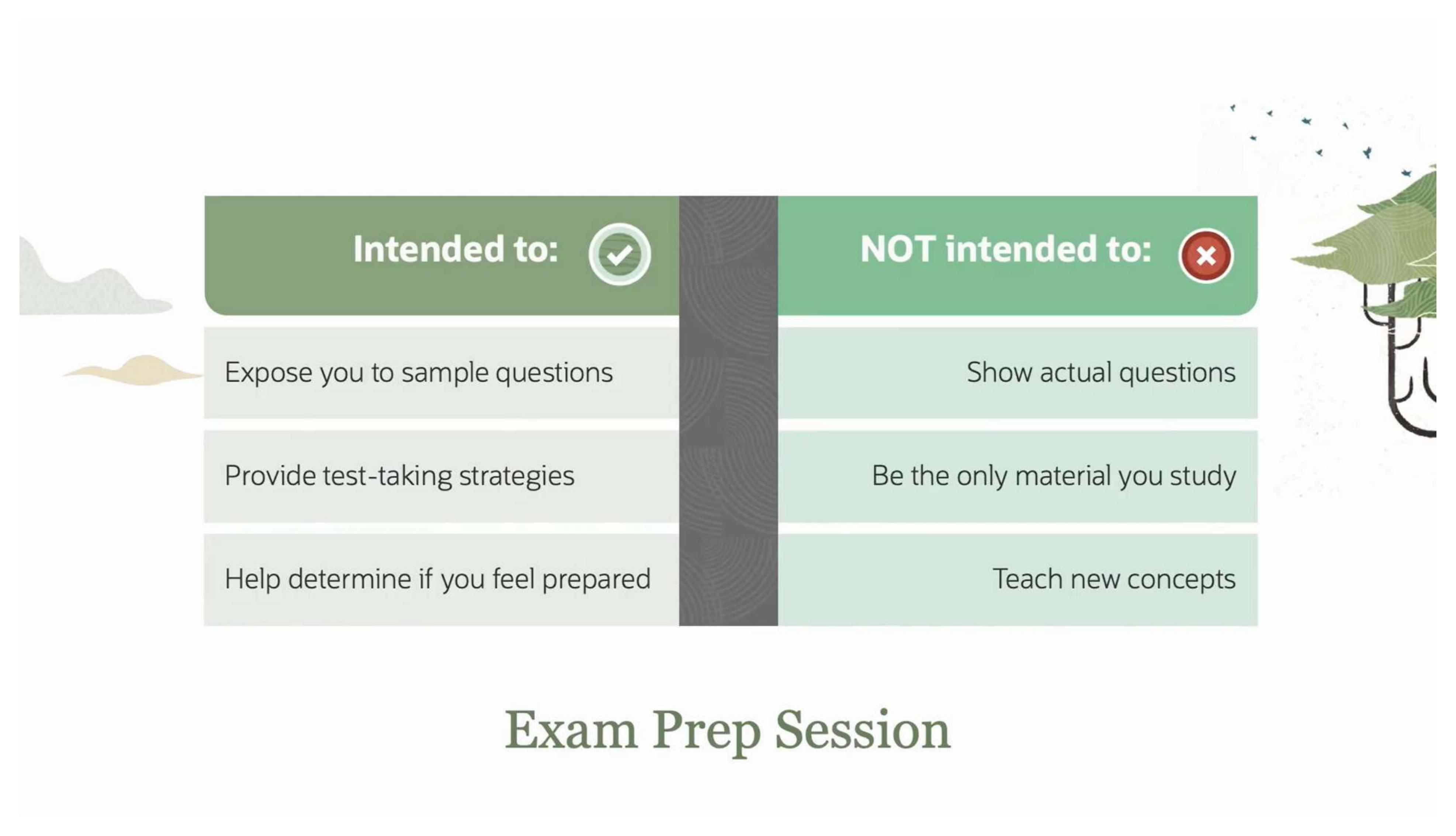
A stylized illustration of a person climbing a green mountain. At the peak of the mountain is a large, colorful, abstract shape resembling a cloud or a dragon, composed of various patterns like stripes and dots in shades of brown, orange, and yellow. The person, shown from the side, is wearing a red shirt and dark pants, and is using a long pole to help them climb the steep slope.

Prepare you to take the exam

Do a quick review of exam topics

Go through some sample questions

Provide some additional resources



Intended to:



Expose you to sample questions

Provide test-taking strategies

Help determine if you feel prepared

NOT intended to:



Show actual questions

Be the only material you study

Teach new concepts

Exam Prep Session



Audience & Prerequisites

Who can take this exam?

- Experienced IT professionals who want to understand and architect Oracle's data solutions in the cloud
- It is recommended that you have:
 - Hands-on job or industry experience
 - **Completed the training course, hands-on lab exercises, and skill checks**





Certification Benefits

- Secure a digital badge for your social media profile
 - Demonstrate expertise
 - Improved job opportunities
 - Increased earning potential
 - Improved job performance



Exam Objectives

Oracle's Data Management Strategy

- Different Oracle Databases
- Offerings and deployment options
- Multi-cloud and hybrid cloud options
- Managing data using Oracle Cloud

Oracle Cloud Infrastructure (OCI) Overview

- OCI Console and introduction to OCI

Autonomous Database & Tools

- Autonomous deployment options
- Creating an Autonomous Database instance
- Tools to load data into ADB

Exadata & Database Cloud Services

- Exadata deployment
- Life cycle management
- Patching
- Backup and recovery
- When to use which database cloud service

MySQL and NoSQL

- Describe the MySQL and NoSQL Services

Exam Objectives

Converged Database

- Multi-model and converged database use cases
- Oracle database capabilities with json, graph, and spatial

Resiliency

- Oracle's Maximum Security Architecture
- Maximum Availability Architecture

Developing on the Oracle Database

- ADB REST APIs
- Oracle's Data Toolset
- Low-code APEX
- Development tools

Data Lake, Data Warehouse, and Machine Learning

- Understanding the Oracle Data Lakehouse
- Describing Oracle Machine Learning
- Data mesh architecture

Upgrades and Migrations

- Various migration strategies to the cloud
- Oracle's upgrade options

developer.oracle.com/livelabs



Oracle Documentation

Additional details and examples



Hands-On Experience Oracle LiveLabs



Useful Resources



Oracle University Courses

Reviewing additional courses