



# Certified RDBMS Design Professional

**Vskills Certifications**

Vskills Brochure



## Certified RDBMS Design Professional

The relational model represents the database as a collection of relations. A relation is nothing but a table of values. Every row in the table represents a collection of related data values. These rows in the table denote a real-world entity or relationship.

Relational database design (RDD) models information and data into a set of tables with rows and columns. Each row of a relation/table represents a record, and each column represents an attribute of data. The Structured Query Language (SQL) is used to manipulate relational databases. The design of a relational database is composed of four stages, where the data are modeled into a set of related tables. The certification acts as a proof of your skills on professional social media like LinkedIn and for better job prospects.

### Why should one take this certification?

This Course is intended for professionals and graduates wanting to excel in their chosen areas. It is also well suited for those who are already working and would like to take certification for further career progression.

Earning Vskills RDBMS Design Professional Certification can help candidate differentiate in today's competitive job market, broaden their employment opportunities by displaying their advanced skills, and result in higher earning potential.

### Who will benefit from taking this certification?

Job seekers looking to find employment in database, software development, or IT departments of various companies, students generally wanting to improve their skill set and make their CV stronger and existing employees looking for a better role can prove their employers the value of their skills through this certification.

### Test Details

- **Duration:** 60 minutes
- **No. of questions:** 50
- **Maximum marks:** 50, Passing marks: 25 (50%)

There is no negative marking in this module.

### Fee Structure

Rs. 3,499/- (Excludes taxes)\*

\*Fees may change without prior notice, please refer <http://www.vskills.in> for updated fees

# Table of Contents

## **1. Relational Database Basics**

- 1.1 Setup and Installation
- 1.2 A Database Story
- 1.3 Relational Databases for the Naked Eye
- 1.4 Database Management Systems

## **2. Database Design**

- 2.1 Database Design and the Design Process
- 2.2 Data Models
- 2.3 Relational Theory
- 2.4 Relational Model
- 2.5 Tables
- 2.6 Keys
- 2.7 Fields Specifications

## **3. Relationships**

- 3.1 What Is a Relationship?
- 3.2 One-to-One
- 3.3 One-to-Many
- 3.4 Many-to-Many

## **4. Logical and Physical Models**

- 4.1 RDBMS Architecture
- 4.2 Entity
- 4.3 Columns and Keys
- 4.4 Relationships
- 4.5 SQL and the Relational Model
- 4.6 Relational Operations

## **5. Normalization Forms**

- 5.1 Normal Forms
- 5.2 First Normal Form
- 5.3 Second Normal Form
- 5.4 Third Normal Form

## Certifications

- ▶ **Accounting, Banking & Finance**
  - Certified GST Professional
  - Certified AML-KYC Compliance Officer
  - Certified Business Accountant
  - Certified BASEL III Professional
  - Certified GAAP Accounting Standards Professional
  - Certified Treasury Markets Professional
- ▶ **Big Data**
  - Certified Hadoop and Mapreduce Professional
- ▶ **Cloud Computing**
  - Certified Cloud Computing Professional
- ▶ **Design**
  - Certified Interior Designer
- ▶ **Digital Media**
  - Certified Social Media Marketing Professional
  - Certified Inbound Marketing Professional
  - Certified Digital Marketing Professional
- ▶ **Foreign Trade**
  - Certified Export Import (Foreign Trade) Professional
- ▶ **Health, Nutrition and Well Being**
  - Certified Fitness Instructor
- ▶ **Hospitality**
  - Certified Restaurant Team Member (Hospitality)
- ▶ **Human Resources**
  - Certified HR Compensation Manager
  - Certified HR Staffing Manager
  - Certified Human Resources Manager
  - Certified Performance Appraisal Manager
- ▶ **Office Skills**
  - Certified Data Entry Operator
  - Certified Office Administrator
- ▶ **Project Management**
  - Certified Master in Project Management
  - Certified Scrum Specialist
- ▶ **Real Estate**
  - Certified Real Estate Consultant
- ▶ **Marketing**
  - Certified Marketing Manager
- ▶ **Quality**
  - Certified Six Sigma Green Belt Professional
  - Certified Six Sigma Black Belt Professional
  - Certified TQM Professional
- ▶ **Logistics & Supply Chain Management**
  - Certified International Logistics Professional
  - Certified Logistics & SCM Professional
  - Certified Supply Chain Management Professional
- ▶ **Legal**
  - Certified IPR & Legal Manager
  - Certified Labour Law Analyst
  - Certified Business Law Analyst
  - Certified Corporate Law Analyst
- ▶ **Information Technology**
  - Certified Angular JS Professional
  - Certified Basic Network Support Professional
  - Certified Business Intelligence Professional
  - Certified Core Java Developer
  - Certified E-commerce Professional
  - Certified IT Support Professional
  - Certified PHP Professional
  - Certified Selenium Professional
- ▶ **Mobile Application Development**
  - Certified Android Apps Developer
  - Certified iPhone Apps Developer
- ▶ **Security**
  - Certified Ethical Hacking and Security Professional
  - Certified Network Security Professional
- ▶ **Management**
  - Certified Corporate Governance Professional
  - Certified Corporate Social Responsibility Professional
  - Certified Leadership Skills Professional
- ▶ **Life Skills**
  - Certified Business Communication Specialist
  - Certified Public Relations Officer
- ▶ **Media**
  - Certified Advertising Manager
  - Certified Advertising Sales Professional
- ▶ **Sales, BPO**
  - Certified Sales Manager
  - Certified Telesales Executive

& many more job related certifications

Contact us at:  
V-Skills  
011-473 44 723 or [info@vskills.in](mailto:info@vskills.in)  
[www.vskills.in](http://www.vskills.in)