



# Introduction

## *Relational Database Design*

# Welcome to “Relational Database Design”

# What You'll Learn

- Different types of databases
- The advantages of relational databases
- How to create a database structure that's effective and well-designed
- What tools to use and how to use them
- Definitions of common terms

# Who Is This Course For?

- Want to understand how databases work and why they are structured that way
- Would like to know how to speak to technical people
- Need to refresh their skills on database design
- Know how to write SQL but need to know how to create a database
- Don't need to know how to program

# Course Information

- Video lectures with class notes
- Udemy – use notes and questions section
- No SQL code is required
- Not limited to any kind of SQL or database
  - Works for Oracle, Microsoft SQL, MySQL, any other relational database

# Course Structure

- Introduction – what you need
- Database Basics – explanation of a database and the different types
- Relational Databases – what they are and the advantages of using one
- Data Modelling Process – what the process is and what to consider
- Database Design – the steps of **actually creating the database design**
- Normalising – making sure that the database is normalised
- Conclusion – how to implement it, and the next steps
- **It starts with the basics and then gets more advanced**

# What's Not Included

- SQL
- Any kind of programming



# Where Can I Learn SQL?

- See my other course, “Introduction to Oracle SQL”

<https://www.udemy.com/introduction-to-oracle-sql>



# Who Am I?

- Ben Brumm, from Melbourne, Australia
- Owner of [www.CompleteITProfessional.com](http://www.CompleteITProfessional.com)
- Published courses on Udemy
- Bachelor of Computing (major in Oracle databases)
- Experience in several areas in the IT industry
- Oracle Certified Expert

# What's Next?

- What you need to know before starting
- Tools you need (and how to download them)