# **Creating Database Components**

## **Course Introduction**

## **Creating Databases**

## **Altering and Dropping Databases**

## **Creating Tables**

## **Altering and Dropping Tables**

## **Truncating Tables**

## **Creating Views**

### **Lesson Test**

Q1:

Q2:

Q3:

Q4:

Q5:

Q6:

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# **Stored Procedures and Functions**

## **Creating and Using Stored Procedures**

## **Creating and Using Stored Functions**

### **Lesson Test**

Q1:

Q2:

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# **Normalization**

## **Overview**

## **Guidelines - 1NF**

## **Guidelines - 2NF**

## **Guidelines - 3NF**

### **Lesson Test**

Q1:

Q2:

Q3:

Q4:

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# **Working with Indexes**

## **Overview**

## **Creating Indexes**

### **Lesson Test**

Q1:

Q2:

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# **Database Security**

## **Overview**

## **Exploring Server and User-Defined Roles**

## **Creating and Assigning Permissions**

## **Database Backup and Restore**

## **Backing Up Databases with SSMS**

## **Restoring Databases with SSMS**

### **Lesson Test**

Q1:

Q2:

Q3:

Q4:

Q5:

Q6:

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# **Practice: Table Creation and Normalization**

## **Exercise: Creating and Normalizing Tables**

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