

A complex network diagram with nodes of various sizes (blue, black, and grey) connected by lines, serving as a background for the slide.

NOSQL Databases

INTRODUCTION

A little bit about me

- Elie Yaacoub
- Software Engineer @ eMcREY
- Consulting Engineer @ MongoDB

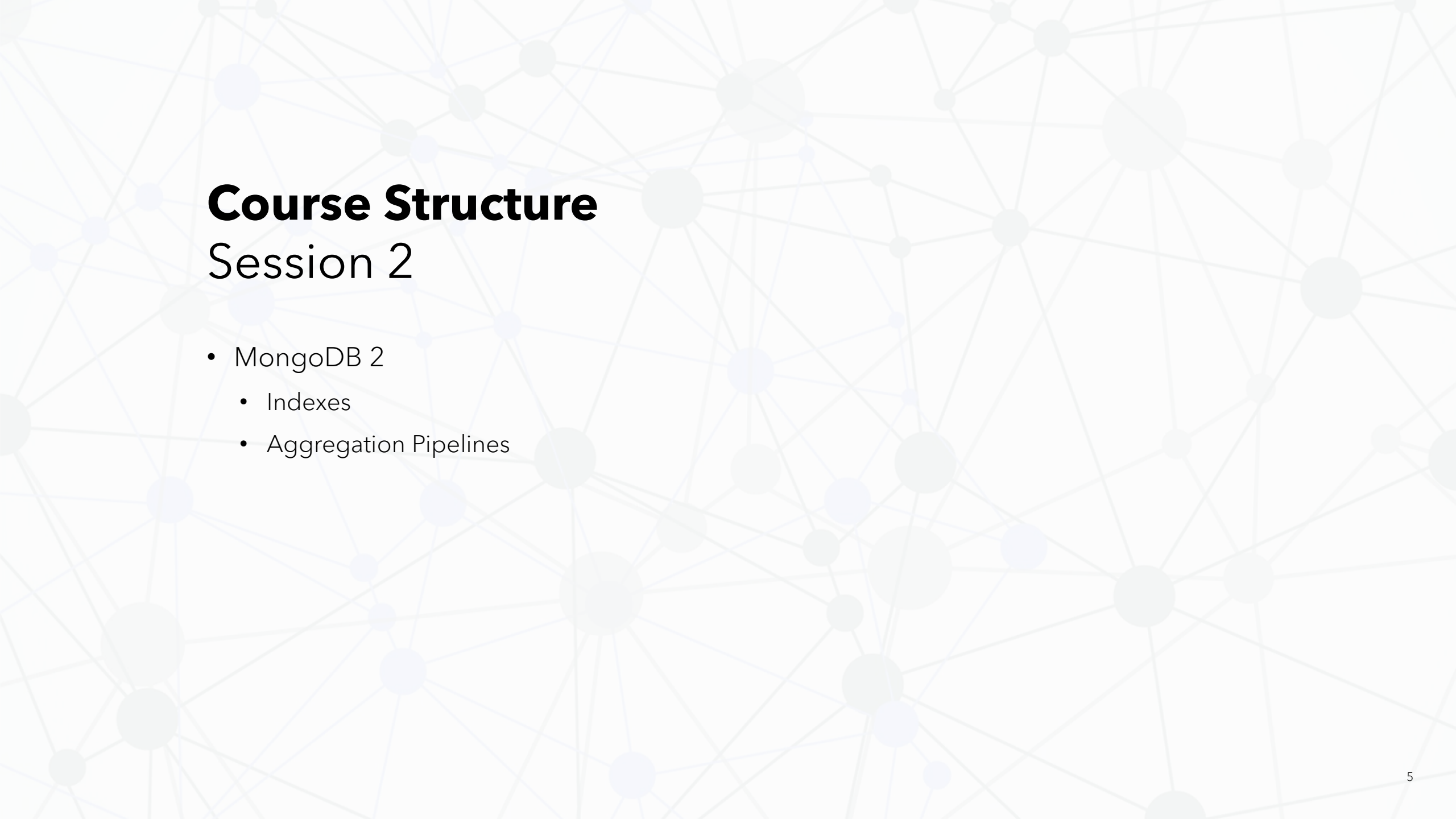
Course Objectives

- Understand NoSQL Database Types
- Identify Use Cases
- Hands-On Experience ([MongoDB](#), [Neo4j](#) & [Redis](#))

Course Structure

Session 1

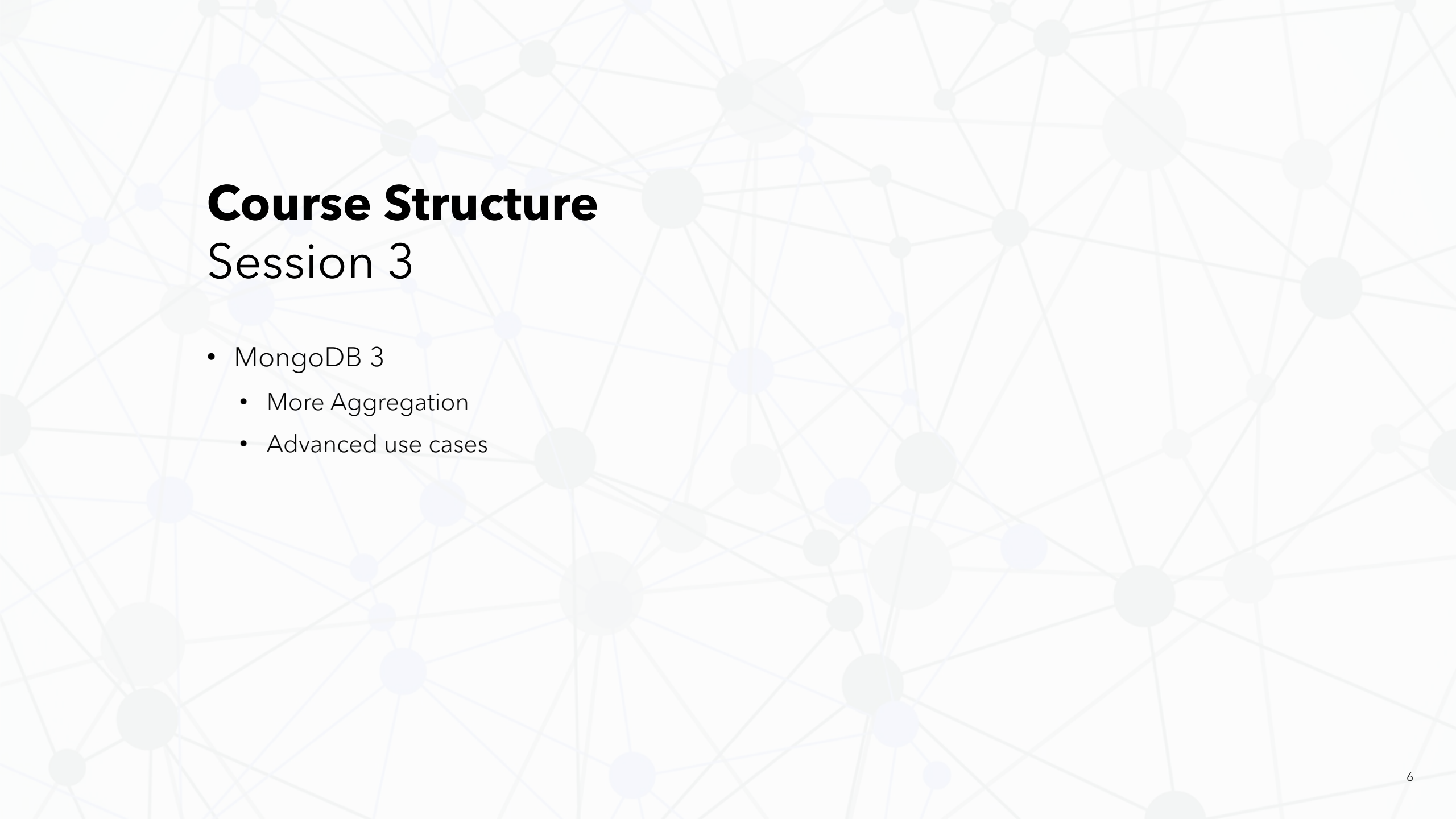
- NoSQL Introduction
- MongoDB 1
 - Introduction to MongoDB
 - Accessing MongoDB [Atlas](#)
 - Storage and Retrieval

A background network diagram consisting of numerous circular nodes of varying sizes, some light blue and some light gray, connected by thin, light gray lines. The nodes are distributed across the entire slide, creating a complex web-like pattern.

Course Structure

Session 2

- MongoDB 2
 - Indexes
 - Aggregation Pipelines

A background network diagram consisting of numerous circular nodes of varying sizes connected by thin, light blue lines. The nodes are distributed across the entire slide, creating a complex web-like pattern. Some nodes are larger and more prominent, while others are smaller and less noticeable. The lines connecting them are thin and light blue, blending into the white background.

Course Structure

Session 3


- MongoDB 3
 - More Aggregation
 - Advanced use cases

The background of the slide features a complex network diagram. It consists of numerous circular nodes of varying sizes, some in shades of light blue and others in light grey. These nodes are interconnected by a web of thin, light grey lines, creating a dense, interconnected pattern that resembles a graph or a neural network. The overall aesthetic is clean and modern, with a focus on connectivity and structure.

Course Structure

Session 4

- Neo4j 1
 - Introduction to Graph Database
 - Data Modeling
 - Cypher Query Language
 - CRUD Operations

A background network diagram consisting of numerous circular nodes of varying sizes connected by thin, light blue lines. The nodes are distributed across the entire slide, with some appearing larger and more prominent than others, creating a complex web-like structure.

Course Structure

Session 5

- Neo4j 2
 - More Operations

A background network diagram consisting of numerous circular nodes of varying sizes connected by thin, light gray lines. The nodes are colored in shades of light blue, light gray, and off-white, creating a complex web-like pattern across the entire slide.

Course Structure

Session 6

- Redis
 - Introduction to Redis
 - Operations

Let's start learning!

