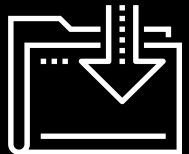# Object Data Modeling (ODM)

Web Development Boot Camp
Unit 18

What is Object Data Modeling?

- Object Data Modeling is focused on how the data is represented.

- It isn't so much about what the data is, but more about how it is visualized and connected.

- Data modeling can help us handle large amounts of data efficiently and get the right data back quickly.

Have you seen something similar before?

ODM is similar to ORM

- ODM is a similar concept to ORM.

- This should be familiar because Sequelize is an ORM library which you used with MySQL.

- Mongoose is a ODM library for MongoDB.

Why use Mongoose?

Benefits of Using Mongoose

- Makes it easy to create schemata for documents

- Utilities to validate data

- Allows developers to work more quickly and efficiently

Can you use MongoDB without Mongoose?

- Of course you can!

- Mongoose is merely a tool to help developers work more efficiently.

- The MongoDB package has plenty of built-in features to use it on its own.

- Mongoose makes many of these features easier to use with an object oriented approach.