Mongo Basics (M001) Notes

# Chapter 1: What is MongoDB

### The MongoDB Document

*Document* - a way to organize and store data as a set of field-value pairs.

*Field* - a unique identifier for a datapoint.

*Value* - data related to a given identifier.

*Collection* - an organized store of documents in MongoDB, usually with common fields between documents. There can be many collections per database and many documents per collection.

Have Questions? [Visit the course discussion forum.](https://developer.mongodb.com/community/forums/c/university/m001)

### What is MongoDB Atlas

*Replica Set* - a few connected machines that store the same data to ensure that if something happens to one of the machines the data will remain intact. Comes from the word replicate - to copy something.

*Instance* - a single machine locally or in the cloud, running a certain software, in our case it is the MongoDB database.

*Cluster* - group of servers that store your data.

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### MongoDB Atlas

<https://cloud.mongodb.com/>