| What is a database the stores data records for use by an application? | mongoDB |
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| What is non-relational, noSQL database? | Mongo |
| What stores all data associated within on record, instead of storing it across many preset tables as in an SQL database? | Mongo |
| What's benefits are scalability, flexibility, and replication? | Mongo |
| What does Mongo use for it's document storage structure? | JSON |
| What is an npm module for Node.js that allows you to write objects for Mongo as you would in JavaScript, which can make it easier to construct documents for storage in Mongo? | Mongoose.js |
| What is a MongoDB database-as-a-service platform, which means they configure and host the database for you? | mLab |
| What maps to a MongdoDB collection? | A schema |
| What defines the shape of the documents within that collection? | schema |
| What are building blocks for Models? | schemas |
| What can be nested to create complex models? | schemas |
| What allows you to create instances of your objects, called documents? | model |
| Create a Model | <pre>var Schema = mongoose.Schema; var personSchema = new Schema({ name: { type: String, required: true // Always convert `test` to lowercase }, age: Number, favoriteFoods: Array</pre> |

| | }); |
|--|--|
| | var Person = mongoose.model('Person', personSchema); |
| What are instances of models? | documents |
| What have many of their own inbuilt instance methods? | documents |
| How to create and save a Person? | <pre>var createAndSavePerson = function(done) { var Ethan = new Person({ name: 'Ethan', age: 28, favoriteFoods: ['salad','pizza','ceral'] }); Ethan.save((err, data) => err ? done(err) : done(null, data)); };</pre> |
| What takes an array of objects as the first argument and saves them all to the database? | Model.create([{},{},]) |
| <pre>var createManyPeople = function(arrayOfPeop Person.create(arrayOfPeople, (err, arrayOfPe arrayOfPeople)); }</pre> | |
| Find all the people having a given name, using Model.find() -> [Person] | |
| <pre>var findPeopleByName = function(personName var search = {name:personName}; Person.find(search, (err, search) => err ? don };</pre> | |
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