

Create and Populate a NoSQL Database

Your team is considering the use of a NoSQL database for a new customer application which will ultimately track their customers and orders. You want to test it using a limited dataset before committing to this change, so you will be using the free database deployment on the MongoDB website. Your team should decide on whether it will use AWS or Azure as the hosting provider before starting the project.

1. Create an account with a cloud service that allows you to create a MongoDB database for free (www.mongodb.com/try).
Note: Using the different MongoDB.com website services will be easier with a Google email account. Only use the free services for this project.
2. Create a free database and test connectivity to and uploading data into it. Preferably, follow the instructions in the getting started guide at the Mongo DB website. (e.g. <https://docs.atlas.mongodb.com/getting-started/>).
Note: If given a choice of cloud services, choose either AWS or Azure when working on this class project. Make a note of all the details of your cluster before creating it (e.g. location, size, version)
3. Use your preferred client tool to test connectivity to the database. Create “Customers” and “Orders” tables and create / import new records into them. If time permits, create a front-end web application for querying the data.
4. **All other configuration options are up to you** and your team members. Programming language, MongoDB client, user account credentials, table and data details are all up to you and your team.