

Tutorial 4: Python and MongoDB

Due Feb 27 by 5:30pm **Points** 10 **Available** until Feb 27 at 6:30pm

This assignment was locked Feb 27 at 6:30pm.

Grading:

This tutorial will be graded by checkout during your lab. Show your TA that you have successfully carried out the steps in the two tutorials indicated below. Checkout is required for this tutorial, so you must attend lab this week. I encourage you to do all setup beforehand.

Goal:

The goal of this tutorial is for you to learn to use Python and MongoDB together. You will use the MongoDB driver PyMongo. After this tutorial, you will be able to create a local database, add data in documents to a collection in the database and retrieve documents from the database. You will also be able to connect to a remote database.

Setup:

Follow the MongoDB and PyMongo installation instructions at the following links. Use pip to install PyMongo. Make sure that you have python3 and pip installed first.

<https://docs.mongodb.com/manual/administration/install-community/>

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<https://api.mongodb.com/python/current/installation.html>

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Instructions:

Complete the following two tutorials. Once you are finished, let your TA know that you are ready for checkout.

1. <https://www.datacamp.com/community/tutorials/introduction-mongodb-python>
(<https://www.datacamp.com/community/tutorials/introduction-mongodb-python>)
2. <https://www.mongodb.com/blog/post/getting-started-with-python-and-mongodb>
(<https://www.mongodb.com/blog/post/getting-started-with-python-and-mongodb>)

Note:

Windows users should not need to use WSL (in fact, it will be much easier without it).

