University of Washington

iSchool Info 330

# Module 10 Assignment

In this module's assignment, you will learn about different types of databases and how an application solution with a database project is prepared for release.

## Assignment Videos

Please watch the following Videos:

|  |
| --- |
| Assignment Videos < 120 min (Links are to external sites) |
| [The differences between relational, object, no-SQL, and data warehouse databases - 10](https://youtu.be/jSXxrTNZwXA) |
| [What is Hadoop?: SQL Comparison - 6](https://youtu.be/MfF750YVDxM) |
| [What is NoSQL? - 5](https://youtu.be/BgQFJ_UNIgw) |
| [Intro to MongoDB (NoSQL) - 17](https://youtu.be/bKjH8WhSu_E) |
| [MongoDB In 30 Minutes - 30](https://youtu.be/pWbMrx5rVBE) |
| [Career Insights Event: Making Sense of Big Data - 60](https://www.youtube.com/watch?v=m7JXixjdI3A) |

## Assignment Examples

Review some example web pages. While you do not have to read every line on the pages, these web pages may also become a "Go To" sites as you progress in your learning.

|  |
| --- |
| Examples < 60 min (Links are to external sites) |
| [MongoDB Tutorial for Beginners - 1 - Installing Mongo](https://youtu.be/1uFY60CESlM) |
| [Databases, documents and collections in MongoDB](https://www.w3resource.com/mongodb/databases-documents-collections.php) |

## Assignment Reading

Since the course does not have an official text you will use various web pages for your studies.

|  |
| --- |
| Reading < 120 min (Links are to external sites) |
| [The Complete Beginner's Guide To Big Data In 2017](https://www.forbes.com/sites/bernardmarr/2017/03/14/the-complete-beginners-guide-to-big-data-in-2017/#68d715f07365) |
| [Slate: How “Big Data” Went Bust.](http://www.slate.com/articles/technology/technology/2017/10/what_happened_to_big_data.html) |
| [The Never-Ending Hype Cycle](http://www.slate.com/articles/technology/history_of_innovation/2014/06/how_the_hype_cycle_explains_moocs_big_data_vr_and_google_glass.html) |
| [Big Data: The Management Revolution](https://hbr.org/2012/10/big-data-the-management-revolution) |

## Assignment Task

In Module 10 you continue your work on the course final. Please see the Final document and perform the Milestone 04 tasks identified there.

## Submit your work

Please Submit Milestone 04 (The entire Final) under the Assignment 10 page on Canvas.