University of Washington

iSchool Info 330

# Module 08 Assignment - Reporting

In this module's assignment, you will learn about data-driven applications and continue the course final.

## Assignment Videos

Please watch the following Videos:

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| Assignment Videos < 120 min (Links are to external sites) |
| [Tableau in Two Minutes - Dashboard Part 1 - Connecting and Building a Line Graph](https://youtu.be/cIupe7xFpBA) (2 min) |
| [Tableau in Two Minutes - Tableau Basics for Beginners](https://youtu.be/cIupe7xFpBA) (20 min) |
| [Beginner Python Tutorial 1 - Introduction](https://youtu.be/Ebh157e3FkQ) |
| [Beginner Python Tutorial 2 - Interactive Mode](https://youtu.be/WLBXyahrTY8) |
| [The Ethics of Data - Personal Data & Privacy](https://youtu.be/naaDBNSx610) (6 min) |
| [Ethics in Data Management](https://youtu.be/mGnEaTuhClk) ( 35 min) |
| [Creating Excel Reports with SQL Server or Analysis Server](https://youtu.be/FE2DKi1lmMg) |
| [Changing the Data Connection Security Setting in Excel](https://youtu.be/l-MV_CKFLaw) |

## 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" site as you progress in your learning.

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| Examples < 60 min (Links are to external sites) |
| [Pivot Tables](http://www.excel-easy.com/data-analysis/pivot-tables.html) |
| [Getting started with Power BI Desktop](https://docs.microsoft.com/en-us/learn/modules/get-data-power-bi/2-getting-started-power-bi-desktop) |
| <https://www.w3schools.com/python/> |

## Assignment Reading

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

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| Reading < 120 min (Links are to external sites) |
| [SQL Tutorial: How To Write Better Queries](https://www.datacamp.com/community/tutorials/sql-tutorial-query#gs.uP70iFE - 90) |
| [Big Data Ethics: 8 Key Facts To Ponder](https://www.informationweek.com/big-data/big-data-analytics/big-data-ethics-8-key-facts-to-ponder/d/d-id/1322143?) |

## Assignment Task

In Module 8, you continue your work on the course final. Please see the Final document and perform the Milestone 02 tasks identified there.

## Submit your work

Please Submit Milestone 02 under the Assignment 08 page on Canvas.