Overview

This course elaborates on concepts covered in Introduction to Data Science, helping to develop skills crucial to the field of data science and analysis. It explores how to wrangle data from diverse sources and shape it to enable data-driven applications—a common activity in many data scientists' routine. Topics covered include gathering and extracting data from widely-used data formats, assessing the quality of data, and exploring best practices for data cleaning. This course also introduces MongoDB, covering the essentials of storing data and the MongoDB query language together with exploratory analysis using the MongoDB aggregation framework.

Competencies

- **Data Extraction**
  The graduate conducts data extraction and wrangling with data in complex formats for parsing and scraping.

- **Data Cleaning**
  The graduate ensures data cleanliness through auditing and intervention.

- **Analyzing Data**
  The graduate composes queries and data analysis in a NoSQL database.

Learning

**Getting Started**

Welcome to Introduction to Data Wrangling with MongoDB! Your competence in this course is assessed by the successful completion of the following Udacity project:

1. "Wrangle OpenStreetMap Data" in module "(4) Data Wrangling"

You will submit this project directly through Udacity. The learning to support this project includes video presentations interspersed with quizzes, case studies, and problem sets.

Important Note: Once you are enrolled in this course, you will have access to continue on to complete the Udacity nanodegree, which WGU has spread across five total courses. Do not complete any work not assigned to courses for which you are not currently enrolled in your WGU student portal. Maintaining synchronicity between the Udacity nanodegree and the WGU degree plan is important for you to get proper academic credit.

The prerequisite for this course is Introduction to Data Science - C749.
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Course Information

- Student Success Center
- WGU Library
- Pacing Guide
- Accessibility Policy

COURSE INSTRUCTOR

Course Instructor Group

- cmugdataanalytics@wgu.edu

Course Instructor Responsibility

- How to Work with Course Instructors

ANNOUNCEMENTS

COURSE TIPS

COURSE SEARCH

COURSE CHATTER