Tkach, Colleen

From: Inform
Subject: EM: [QCL Workshop] Geographic Information System (ArcGIS Online) and Database Query Language (SQL) Workshop next two weeks

From: Park, Jeho

Dear CMC Students, Faculty and Staff,

We are delighted to offer workshops on geographic information system (ArcGIS) and database query language (SQL).

- **ArcGIS Online: Exploring GIS Libraries** (Lvl 1)
  - Wednesday, 10/9/2024 at 4:15 pm to 5:45 pm -
    - https://campusevents.cmc.edu/event/FA24_GISP1_1009
  - Location: Online via Zoom
- **ArcGIS Online: ArcGIS Business Analyst for Marketing & Demographics** (Lvl 1)
  - Wednesday, 10/16/2024 at 4:15 pm to 5:45 pm -
    - https://claremont.libcal.com/event/13202220
  - Location: In-Person (Digital Scholarship Collaboratory, Mudd 2, The Claremont Colleges Library)

- **SQL: Exploring Databases - Part 1** (Lvl 1)
  - Thursday, 10/10/2024 at 4:15pm to 5:45pm -
    - https://campusevents.cmc.edu/event/FA24_SQLPart1_1010
  - Location: Online via Zoom
- **SQL: Exploring Databases - Part 2** (Lvl 1)
  - Thursday, 10/17/2024 at 4:15pm to 5:45pm -- https://campusevents.cmc.edu/event/FA24_SQLPart2_1017
  - Location: Online via Zoom

 # Workshop Summary:

- **ArcGIS Online: Exploring GIS Libraries –** GIS (or Geographic Information System) is a computer system that creates, analyzes, and displays geographic information and location-based data through maps. Thanks to massive data availability these days, GIS has become one of the most important tools for data-driven decision making. See some examples of how GIS is used: https://www.esri.com/en-us/what-is-gis/overview. You will learn about the basics of ArcGIS and create a special map using its analysis tool. We recommend you to take both workshops if you have not used GIS tools before. (Instructor: Dr. Vanessa Casillas from the QCL)
- **ArcGIS Online: ArcGIS Business Analyst for Marketing & Demographics –** This is a hands-on workshop exploring this powerful tool for finding and visualizing demographic and marketing data applied to business use cases such as site selection and drive-time analysis. Please note that this workshop will be held in person at the Claremont Colleges Library (Digital Scholarship Collaboratory, Mudd 2). Instructors are Dr. Vanessa Casillas from the QCL and Dr. Jeanine Finn from the Library.

- **SQL: Exploring Database, Part 1 and Part 2 --** SQL is an acronym for Structured Query Language. It is a language designed to access and work with relational databases. Relational databases store and provide access to data points that are related. The workshop will look at Data Definition Language (DDL), Data Manipulation Language (DML), and Data Query Language (DQL). Learning Objectives are (1) SQL Intro, (2) Importing data, (3) Creating a table, (4) Inserting data, (5) Querying a table, and (6) Joining tables.

 # Software Requirements:

- **ArcGIS**: To create an ArcGIS online account, please see this instructions page at https://libguides.libraries.claremont.edu/c.php?g=1171259&p=8555912. Students, faculty and staff at CMC have free access to a wide variety of Esri GIS products. To learn more about the other tools, please contact Dr. Jeanine Finn <jeanine.finn@claremont.edu> at the Claremont Library.
- **SQL:** Please install DBeaver Community 24.2.1 from https://dbeaver.io/download/ before joining the workshop. The instructions for the installation can be found at https://github.com/CMC-QCL/Introduction-to-SQL-DBeaver-Pt1/blob/main/DBeaver%20Installation.pdf.

 # Ticket Cancelation and No Show Policy: If you need to cancel your reservation, please contact us by email at qcl@cmc.edu at least 24 hours prior to the event. A prompt cancellation will help us contact the next person on the waitlist. In case of 2 or more no-shows (without cancelation), you will lose your privilege to take our free workshops during the semester.

 # Loaner Laptops: If you need a loaner laptop, please let us know in advance to reserve a laptop.

 # Workshop Room Location: A Zoom link will be sent to you once registered. For the ArcGIS Business Analyst for Marketing & Demographics workshop, the Digital Scholarship Collaboratory is located at Mudd 2 of the Claremont Colleges Library.

 # Workshop Schedule: Please see our workshop schedule and any updates on our website at https://www.cmc.edu/qcl/workshops.

I hope to see you at the workshop!

Best,

Jeho Park

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