

Data Analytics Instructors Needed

Position Rank: Part-Time Instructor

Discipline/Field: Data Science/ Data Analytics

Home School: School of Continuing Studies

Home Department: Continuing Professional Education

WHO WE ARE

York University, founded in 1959, is now Canada's third largest university. The School of Continuing Studies was established in 2015 and is quickly becoming a leader in adult learning, serving working professionals and diverse communities while offering an unparalleled academic experience.

WHAT OUR PROGRAM OFFERS

Comprised of two unique certificates—the **Certificate in Big Data Analytics** and the **Certificate in Advanced Data Science and Predictive Analytics**, our program provides students with the skills, knowledge and cross-functional competencies needed in order to join a Data Science team in an analytics capacity. A full overview of program outcomes, courses, schedules and other information can be found on [our website](#).

POSITION DESCRIPTION

Do you work in Data Science and love your job? Are you passionate about training and nurturing the next generation of diverse talent in this field? Then we're looking for you.

As a Part-Time Instructor you will lead the delivery of a full section of your assigned course under direction of the Program Manager. You will be joining a collaborative team, made up of a Program Manager, Program Coordinator and other instructors. We all work together to make sure our students get the best education possible.

We are looking for several instructors to teach in our Data Analytics certificate programs. As part of our training, you may be assigned as an assistant instructor prior to being approved as a lead instructor to allow you to fully understand the course prior to teaching it.

All courses are eight weeks long and are delivered in a combination of online coursework and bi-weekly in-class sessions for a total of 36 contract hours. In-class sessions are held at the York University Keele campus on evenings or weekends for three hours at a time. Instructors are expected to actively engage with students for the online component of the course. Course content, materials and assessments have been previously developed, but may require slight revisions.

INSTRUCTOR DUTIES

As an instructor on our team you will:

- Follow the course outline and previously developed curriculum to deliver the course and facilitate student learning in a manner that meets the professional standards of the program and school.
- Offer creative and engaging instruction that improves student success.
- Work with our team to embed in-demand technologies into the classroom experience.

- Provide formative assessment of student learning through a variety of methods and subsequently providing counsel to students where required.
- Provide timely feedback and grades, where required.
- Facilitate, monitor learning, and respond to students in a timely, supportive and professional manner both in class and online.
- Summarize learning outcomes and review students' progress to meet the learning objectives on a continuous basis.
- Respond promptly to office requests with regard to student record keeping.

GENERAL QUALIFICATIONS

- Undergraduate level of education in a relevant field. Master's degree preferred.
- Minimum 2 years of experience teaching or training adults in an educational or corporate setting
- Experience incorporating adult learning principles and constructivist approaches to teaching and learning in an outcomes or competency-based approach is preferred.
- INFORM CAP designation (Certified Analytics Professional) an asset.
- Extensive (and current) experience in the data science field (4-5 years).
- Strong comprehension of core data science principles and the competencies that comprise a successful data analyst.
- Demonstrated ability working in a team environment with excellent interpersonal, collaboration and organizational skills.
- Proficiency in one or more of the applicable analytics tools including Hadoop, Jupyter Hub, Mongo DB, MySQL, Python, Pandas Libraries, Apache Hive / Spark, Kibana, Weka or similar applications.

SUBMITTING YOUR APPLICATION

Applications must consist of a resume and cover letter that outlines which course(s) you are interested in teaching, along with any software proficiencies. Candidates may choose to include samples of their work.

You may be asked for qualification verification (e.g., credentials). Please ensure your application specifically states which position course are applying for.

Applications will be accepted on an ongoing basis until all positions are filled.

Connie Konon

Program Manager, Continuing Professional Education, School of Continuing Studies

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We are an equal opportunity employer and value diversity at our company. We do not discriminate on the basis of race, religion, color, national origin, gender, sexual orientation, age, marital status, veteran status, or disability status