

TEACHING OPPORTUNITIES

CERTIFICATE IN DATA VISUALIZATION



The University of Washington is proud to be one of the nation's premier educational and research institutions. UW Professional & Continuing Education, delivered by Continuum College (UWC²), offers certificate programs and degrees to working professionals in the evenings, weekends and online.

We pride ourselves on providing high-quality and up-to-date learning experiences. We are able to do this by working with industry professionals who want to share their knowledge with students and grow professionally through teaching.

OFFERED IN TWO FORMATS

- **Real-time Online** – Students attend class using the Zoom platform one night a week.
- **Classroom** – Students attend class in downtown Seattle or Bellevue one night a week.

INSTRUCTIONAL ROLES

There are two types of roles. All roles are part-time and designed to accommodate professionals who work during business hours. While there's usually a greater time commitment for first-time instructors, the average for all instructors tends to be about 10 hours/week.

- **Instructor** – Share and grow your skills by delivering engaging class sessions
- **Instructional Assistant** – Develop your knowledge and experience by serving as an instructional assistant to coach and teach students through providing high-quality feedback on assignments.

SKILLS AND EXPERIENCE

Required

- To be an instructor: At least three years of professional experience as a Data Analyst or similar
- To be an assistant: At least 1 year professional experience as a Data Analyst or similar
- Excellent interpersonal, oral, and written communication skills
- Willingness to collaborate and coordinate with instructional team
- Commitment to supporting students in achieving learning outcomes

- Desire to contribute to on-going program development
- Legal authorization to work and receive compensation in the United States

Desired

- Undergraduate or graduate degree in relevant field
- Teaching experience

COURSE TOPICS INCLUDE

Course 1: Data Visualization: Theory & Practice	Course 2: Presentation: Dashboards & Storytelling	Course 3: Decision Making Through Data Visualization
<ul style="list-style-type: none"> • Intro to Data Visualization • Basics of Data Sets & Data Fields; data prep • How much vs. how many • Part-to-Whole & Rates • Central Tendency & Variation • Multivariate Analysis • Change Over Time • Maps & Spatial Data • Networks 	<ul style="list-style-type: none"> • Task abstraction & validation • Layout & display of multiple facets • Interactivity: highlighting & filtering • Adv interactivity – set actions & navigation • Exploratory vs. Explanatory dashboards • Incorporating images and web objects • Design for mobile devices • Animating data stories • Creating compelling data stories 	<p>Strategic Decisions</p> <ul style="list-style-type: none"> • Setting Goals • Allocating Budget • Determining Market Moves <p>Tactical Decisions</p> <ul style="list-style-type: none"> • Prioritizing Projects • Developing Personnel • Managing to Goals <p>Operational Decisions</p> <ul style="list-style-type: none"> • Choosing Between Alternatives (A/B Testing) • Balancing Schedules and Production • Reducing Lead Time & Defects

APPLY TO TEACH

We interview prospective instructors on an on-going basis. Interested applicants should send a resume or LinkedIn profile and letter of interest describing relevant experience, teaching philosophy, preferred course and role to the Program Manager, Ashley Kim, aekim@uw.edu.



The University of Washington is a leader in [environmental stewardship & sustainability](#), and committed to becoming climate neutral.

[The University of Washington is an equal opportunity, affirmative action employer.](#) To request disability accommodation in the application process, contact the Disability Services Office at 206-543-6450 / 206-543-6452 (tty) or dso@uw.edu.