

TechEd Frontiers

Data Analytics and Visualization with Excel

This pathway will prepare you with foundational skills for the digital economy. The data analysis and visualization skills developed by this pathway are increasingly in demand across all sectors and most professional occupations.

About This Pathway

This learning path will focus on the key areas of managing, analyzing, and visualizing data in Microsoft Excel. Each self-paced module is designed for two weeks of learning, approximately eight hours each week.

Ideal Learner

The pathway is aimed at individuals seeking to advance their skills in analyzing and visualizing data accurately and effectively. The learner suited for this pathway need not have a strong foundation in data analytics and may be just beginning to work with Excel software. This course will guide students through the steps of using Excel to build data sets and develop visualization techniques applicable in real work settings. Upon successful completion of this pathway, the learner can expect to gain skills to:

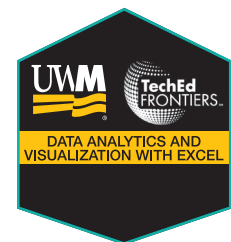
- collect and interpret accurate data sets
- draw inferences and present insights from data
- represent data that is accessible and impactful to audiences
- use data visualization to inform decision-making
- identify primary data visualization categories and their purposes

Data Analytics and Visualization Skills are in Demand

Reskill and upskill to satisfy a demand for data analytics and visualization expertise from within your own workforce. Data analytics and visualization is one of the fastest growing information technology disciplines in the country, and companies across all industries are looking for experts to translate the information a business collects into better decisions and outcomes. In the Milwaukee area, the demand for skills in this pathway is expected to grow nearly 35 percent over the next 10 years.

Subject Matter Experts

The competencies in every TechEd Frontiers pathway have been created and informed by UWM's award-winning faculty and industry leaders from some of Milwaukee's largest companies. Experts involved in the Data Analytics and Data Visualization with Excel digital credential come from UWM's Lubar School of Business, the School of Information Studies, and the College of Engineering & Applied Science.



Contact Us

Learn more about TechEd Frontiers, including pricing and when programs will be available.

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