Data Analytics

Upskilling topics in data analytics typically focus on developing skills and knowledge in various aspects of data analysis, interpretation, and utilization.

## Competency development areas in data analytics

* Data Visualization and Reporting: Competency in data visualization involves effectively representing and communicating data insights through visualizations and reports. This includes selecting appropriate visualization techniques, understanding visual design principles, and conveying data-driven narratives.
* Data Storytelling and Communication: Training in storytelling with data focuses on communicating data insights through compelling narratives. It covers techniques for structuring data stories, using visual cues, using storytelling techniques, and delivering impactful presentations.
* Data Analytics Essentials with Power BI: The essentials of Power BI Desktop including: (1) Data Preparation (2) Data Modeling (3) Data Visualization (4) Data Analysis Expressions (DAX)

## Online training resources

* Power BI Guided Learning by Microsoft: This resource provides a collection of tutorials and learning materials for Power BI, a powerful data analytics and visualization tool. (https://learn.microsoft.com/en-us/training/browse/?products=power-bi)
* Google Data Analytics Professional Certificate: An online program offered by Google on the Coursera platform. It is designed to provide learners with the skills and knowledge necessary to start a career in data analytics. The program consists of a series of courses that cover various aspects of data analysis, including data cleaning, analysis, visualization, and interpretation. (coursera.org/professional-certificates/google-data-analytics)
* Data Visualization and Communication by the University of Illinois at Urbana-Champaign on Coursera. This course provides an introduction to data visualization principles and techniques. ([coursera.org/learn/datavisualization](https://www.coursera.org/learn/datavisualization)).
* udemy.com/course/ai-driven-data-storytelling-with-powerbi-2023/
* https://www.udemy.com/course/data-analytics-essentials-with-power-bi/