

# BIN630 : Data Visualization and Creative Reporting

The Data Visualization and Creative Reporting Course will sharpen students' abilities to present complex results to a wide range of audiences across an organization. Students will learn about practical techniques and the latest tools for developing impactful data visualizations and infographics. The course will address concepts and design considerations for dashboards, user interface, and web-based reporting and examine how each supports a variety of knowledge management requirements. The course will address the use of dashboards, including web-based and desktop widgets and stand-alone software applications. Students will also explore current technical and user interface considerations of responsive web design as well as data-fusion techniques and the presentation of real-time, location-based, and social network data.

**Credits** 3