

# BIN520 : Foundations of Business Intelligence

The Foundations of Business Intelligence Course introduces students to the core concepts, processes, and tools of Business Intelligence. Lessons will introduce business process analysis (BPA) and cover the core business processes that business intelligence (BI) systems seek to address including finance and accounting, marketing, operations, and human resources. Students will explore the basics of common network, Internet, and BI architecture and technologies including data warehouses, data marts, and reporting tools and dashboard. Students will also develop a foundational knowledge of project management considerations for the design, development, and implementation of effective BI systems. Case study and interactive assignments will illustrate how elements of an effective BI system are used to solve a variety of real-world business problems. Finally, students will explore the structure of a formal literature review as they contrast business and academic research methods in preparation for the selection of their Capstone Thesis topic.

**Credits** 3