

# BIN560 : Business Intelligence Analytics

The Business Intelligence Analytics Course provides an overview of fundamental concepts, tools, and techniques used to extract meaningful information from an organization's data in order to support effective decision making. The course will further develop students' understanding of statistical and analytic techniques used in forecasting and predictive analysis. Special emphasis will be placed on probability and an introduction to the Bayesian Paradigm and Bayesian statistical methods. Lessons will cover topics including statistical inference, decision making under uncertainty, predictive modeling, and modeling of random processes. Assignments will emphasize the role of business process analysis and critical thinking in the planning of BI projects and data warehouse projects.

**Credits** 3