Businesses have access to more data than ever before. Predictive analytics is the process of using historical data to create actionable insights about future events or outcomes. There are several approaches to predictive analytics, including classification modeling, machine learning, data mining and regression analysis.

This short course will provide an overview of various predictive analytics techniques and a hands-on introduction to regression analysis using Excel. Participants will leave this course with the tools needed to help guide data preparation and analysis to facilitate quantitative predictions for their organization.

INFO
uncw.edu/swain/data-analytics-predictive-analytics.html
swain@uncw.edu | 910.962.2728
Contact us for Custom Programs
PARTICIPANT PROFILE

This course is best for people who:

- are responsible for producing tables, charts, and reports in Excel
- need to combine and analyze data from multiple sources
- have basic Excel spreadsheet skills

OBJECTIVES

By the end of this hands-on course, you will be able to:

- Define the project and select the dependent variable
- Know the difference between forecasting vs. interpolation
- Select independent variables
- Understand goodness of fit
- Interpret the impact of independent variables
- Forecast and calculate fitted values

Note: This course is taught using Excel 2016. Older version users may be fine, but some features taught will not be fully compatible.

FEE: $399

(SAVE $198 WHEN YOU REGISTER FOR THIS COURSE + BUSINESS ANALYTICS: POWER QUERY AND BUSINESS ANALYTICS: PIVOT TABLES & VISUALIZATION)