Data Analysis & Mathematics

# **Business Intelligence Analysis**

Specialized Certificate

As the amount of data continues to grow, the ability to effectively transform that data into actionable information has become paramount for business growth and success. This hand-on certificate provides individuals with the skills necessary to become successful Business Intelligence (BI) Analysts. Students will gain a comprehensive working knowledge of the complete analytics cycle, from determining requirements to extracting and disseminating information to visualization techniques.

## **Key Topics:**

- Survey of popular BI tools
- Database design and data warehousing
- Powerful analysis techniques
- Dashboarding and data visualization
- Introduction to predictive analytics & big data

#### **Courses:**

- Overview of BI and Data Analysis
- Introduction to SQL Programming
- Advanced Excel for Analysis and BI
- Dashboards and Data Visualization for Data Analysis

### **Benefits:**

- All courses can be taken online, some also offer in-class options for added flexibility
- Practical hands-on training
- Taught by leading industry practitioners
- Can be completed in only one year
- Immediately applicable skills

#### Elective options in:

- Programming with R, Python, or SAS
- Intermediate SQL Programming
- Predictive Analytics



Learn to leverage your data for maximum impact, new classes begin quarterly.

NOW ENROLLING STUDENTS

For more information, contact: unex-techdata@ucsd.edu