



Division of Professional and Continuing Education

## **DATA ANALYTICS AND VISUALIZATION CERTIFICATE**

### **Program Snapshot**

- Estimated completion - 28 weeks! 2 Semesters
- 4 required courses
- To meet the certificate requirements for this program students must complete each course with a grade of C or better
- Each course is 7 weeks in duration
- Each course consists of seven engaging learning modules with fixed deliverable deadlines
- Course week starts Tuesdays' and ends Mondays'

### **Fall 2021 Cohort**

**Your Start Date:** September 7, 2021 and **Anticipated End Date:** April 18, 2022

- [DAV-X800 Essentials of Analytics in Excel](#)  
Sep 07, 2021 to Oct 25, 2021
- [DAV-X801A Data Visualization & Storytelling with Tableau](#)  
Oct 26, 2021 to Dec 13, 2021
- [DAV-X801B Data Analytics with Python and R](#)  
Jan 11, 2022 to Feb 28, 2022
- [DAV-X802 Data Analytics and Visualization Capstone](#)  
Mar 01, 2022 to Apr 18, 2022

### **Spring 2022 Cohort**

**Your Start Date:** January 11, 2022 and **Anticipated End Date:** August 15, 2022

- [DAV-X800 Essentials of Analytics in Excel](#)  
Jan 11, 2022 to Feb 28, 2022
- [DAV-X801A Data Visualization & Storytelling with Tableau](#)  
Mar 01, 2022 to Apr 18, 2022
- [DAV-X801B Data Analytics with Python and R](#)  
May 10, 2022 to Jun 27, 2022
- [DAV-X802 Data Analytics and Visualization Capstone](#)  
Jun 28, 2022 to Aug 15, 2022

### **Course Materials**

- Required Text, [\*Essentials of Modern Business Statistics with Microsoft Excel, 8th edition\*](#) by David Anderson, Dennis Sweeney, Thomas Williams, Jeffrey Camm and James Cochran available at Amazon.com or your local bookstore

- Optional, Recommended Text, ***Excel Statistics: A Quick Guide, 3rd edition*** by Neil Salkind available at Amazon.com or your local bookstore
- ***Storytelling with Data: A Data Visualization Guide for Business Professionals*** by Cole Nussbaumer Knaflic available at Amazon.com or your local bookstore
- ***Visual Analytics with Tableau*** by Alexander Loth available at Amazon.com or your local bookstore
- ***A Hands-On Introduction to Data Science, 1st edition*** by Chirag Shah available at Amazon.com or your local bookstore
- ***The Craft of Scientific Presentations: Critical Steps to Succeed and Critical Errors to Avoid, 2nd edition*** by Michael Alley available at Amazon.com or your local bookstore

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**Have questions?** Contact us at [pce-bus@sandiego.edu](mailto:pce-bus@sandiego.edu)