

# Data Visualization

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All business units, and companies large and small, are using data to improve operations and financial performance. Data science allows companies to make data-driven decisions. Tableau, integrated into the everyday work world, enables data-driven decisions in marketing, sales, finance, purchasing and more. Through a progression of courses at CCM, you can earn a Certificate in Data Visualization.

## Data Visualization Certificate Program

The CCM Certificate in Data Visualization provides participants with an understanding of a visualization tool which presents large amounts of complex data in an easy to understand format. Visual context such as charts and graphs make it easy to identify correlations, patterns, trends or areas needing improvement. By taking all four courses, individuals will be prepared to take the Tableau Desktop Specialist certification exam. To obtain your data visualization certificate, you must take all of the following courses:

Course Code	Course Title	CEUs
CPC-618E	Tableau I	0.8
CPC-619E	Tableau II	0.8
CPC-632E	Tableau III	0.8
CPC-633E	Tableau IV	0.8

For information on current course offerings and how to register, go to [www.ccm.edu/workforce/](http://www.ccm.edu/workforce/) (<https://www.ccm.edu/workforce/>)

## Courses

### Tableau I

Learn Tableau fundamentals as well as connecting and preparing data, exploring data and managing, sorting and grouping data. CPC-618E.

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### Tableau II

Continue by saving and sharing, filtering data, custom visualizations and creating maps, dashboards and stories. CPC-619E.

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### Tableau III

Move beyond fundamentals to perform advanced data visualization. Blend data to visualize relationships, join data, access data in PDFs and refine your visualizations with sets and parameters. CPC-632E.

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### Tableau IV

Complete the CCM Tableau series and earn your Data Visualization Certificate. Manipulate data, visualize data with advanced calculations, perform statistical analyses, forecast and learn to enrich visualizations, dashboards and maps. CPC-633E.