Data Warehousing for Business Intelligence
Course 4: Business Intelligence Concepts, Tools, and Applications

Module 3 Bonus Materials
Lesson 2: Data Visualization Guidelines and Pitfalls

Excerpts from Best Practices in Data Visualization, by Vihao Pham 2014 for more information.

Bar charts
  Think about bar width.
  Avoid using distracting fills.
  Avoid using unnecessary effects such as 3D.
  Think about the order of the bars.

Line Charts
  Avoid misinterpreting the trends.
  Think about line thickness.
  Avoid using too many different line styles.
  Avoid including too many lines altogether.
  Label each line directly.

See the Web resources below for detail discussions on guidelines for Visualizations:

- Free E-Book: How to Create Compelling Business Dashboards: Everything you need to know to design best-practice dashboards and data visualizations. Matillion Business Intelligence.
- Brath R., and Peters M. Dashboard Design: Why Design is Important. http://www.information-management.com/infodirect/20041015/1011285-1.html DMReview October 15, 2004.
- Data Visualization Style Guidelines- Sunlight Foundations
- Introduction to Data Visualizations: Charts Dos and Don'ts
- How to choose the right visualizations for your data
- Clear Visual Data