

Project:SVG

Successfully completing this project demonstrates that you are able to complete the following:

Create a web page contains an animated SVG graphic based on the following specs:

1. Use a set of statistics showing trends in a specific area of business.

- Include a hyperlink to the source of the stats that you use. There is a lot of interesting statistics on the [World Meters](http://www.worldmeters.com/) web site.
- [Bureau of Labor Statistics](http://www.bls.gov/audience/business.htm) is also an excellent source for all types of information (<http://www.bls.gov/audience/business.htm>)

2. Create a graphic representation of the numbers using SVG graphics using the following:

- (10 points) `<rect>`, `<line>`, `<text>`, `<defs>`, `<g>`
- (5 points) At least two different color methods. For example, by hex code or using the `rgb()` method
- (5 points) at least one gradient
- (5 points) Using the `<animate>` element
- (5 points) Using the `<path>` and `<textpath>` elements

3. (4 points) Embed the SVG file as part of a web page name index.html.

4. (1 point) Include a hyperlink referencing the source of the data.

5. (5 points) At the bottom of the web page include answers to the following questions. Your answers should use non-technical language, suitable for a manager who doesn't have a strong technical background.

- What is SVG?
- What are three benefits of SVG?

- What is one disadvantage to SVG?

6. Submit your finished files in a zip file named prjSVG.zip and upload to the LMS dropbox.

Important: The object of this project is for you to demonstrate your understanding of how the SVG elements work. Please do not use an SVG editing program to create your SVG graphics.

Total points possible: 40

Resources

- [SVG Basics](#)
 - [Jenkov.com](#)
 - [MDN Mozilla Developer Network - SVG Tutorial.](#)
 - [Text Following a Specific Path](#)
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