

Question Bank

What is acquiring data in data visualization, Why might asynchronous image downloads be beneficial in data acquisition? How can a database be used in acquiring data?

What is the role of regular expressions (regex) in parsing text data, Where to Find Data, What are the Tools for Acquiring Data from the Internet?

Where and how to locate Files for Use with Processing, What are the different ways to load Text data, List out the different ways to deal with Files and Folders in Java.

What is Parsing, What are all the different level of effort in Parsing, List out the Tools for gathering Clues.

Why Text is Best, List out the different Compression Formats, List out the different Text Markup Languages.

What is Scales in D3.js, What is Normalization, List out the different built in scale methods in D3.js

What is Axes in D3.js, What is Drawing with data, What is Update in Data Visualization.

Explain the difference between `d3.axisBottom()` and `d3.axisLeft()` in D3.js. What are the key components of a D3.js scale? What is Interactivity in D3.js?

What are layouts in D3.js, List out all the D3 layouts. What are the ways to export data in D3.js

What is Java Script, What is Tableau, What's the difference between HTML and CSS.

Tools for Acquiring Data from the Internet.

Locating Files for Use with Processing

Asynchronous Image Downloads in Processing?

How to handle Web Forms?

the steps involved in using MySQL with Processing.

Text Markup Languages.

tools for gathering Clues.

various file formats used for reading and writing 2D and 3D graphical data.

Advanced Web Techniques available to avoid problems during data pulling from the Web.

Write short notes on Acquiring Data ,Where to Find Data , Data Acquisition Ethics

How to create the SVG and the data driven shapes. Explain in detail with an example.

Write Short notes on

i) HTML

ii) CSS

iii) Javascript with an example.

What is D3.js? Explain in detail with suitable example.

Write short notes on d3.min() and d3.max() with suitable example.

d3.svg.axis() with suitable example.

Interactivity with an example.

various layouts in D3.

How to export data in D3.js? Explain in detail.

To make Maps with D3 from GeoJSON data? Explain with suitable example.

Force Layout with suitable example.

1. Regular Expressions (regexps)

2. Grammars and BNF Notation

3. Compressed Data

4. Vectors and Geometry

5. Binary Data Formats

d3.layout.pie()

d3.layout.stack()