

Questions Week 3

1. How can D3 access and change the DOM? What do select and selectAll do?
Select en selectAll selecteren elementen in je DOM. Met selectAll selecteer je alle elementen. Door ze te selecteren kun je ze veranderen, data aan koppelen etc.
2. What are the d and i in function(d){} and function(d, i){}?
D is het data element van de gegeven selectie.
I is de index ervan.
3. Write sample lines of JavaScript to add a div element with class "barChart1" and to add an svg element with class "barChart2" with square dimensions.
4. Describe append, update, enter, and exit at a high level. What does "selectAll + data + enter + append" refer to?
Append → add data to the element of the DOM
Enter → add element to the DOM
Data →
selectAll →
5. What are the main differences between drawing a bar chart with HTML and SVG?
6. In drawing the simple bar chart with D3 and SVG, what elements were appended, and what parts of the graph did these elements correspond to?