

## JBI100 Visualization Cheat Sheet by bilgin7 via cheatography.com/209954/cs/45228/

Nested Models	
Domain	Understand the user, the data and tasks
	Use domain specific vocabulary
	Produce a set of tasks/que- stions of target users on the data, on different levels
Data/task abstraction	Data described in generic (Visualization) terms
	Tasks described in generic (Visualization) terms
Visual encoding/- interaction idiom	Design space, select visual encodings, define interactions, etc.
Algorithm	layout algorithm, ordering, rendering, etc.



corrected on the lower

Visual encoding design

Data abstraction What is shown?

Task abstraction Why is the user looking at it?

Visual encoding and interaction How is it shown?

Nested model - Validation

Domain situation
Observe target users using existing tools

Data/task abstraction

Visual encoding/interaction idiom
Justify design with respect to alternatives

Algorithm
Measure system time/memory
Analyze computational complexity

Analyze results qualitatively
Measure human time with lab experiment (lab study)

Observe target users after deployment (field study)

Measure adoption



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Not published yet.
Last updated 10th December, 2024.
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