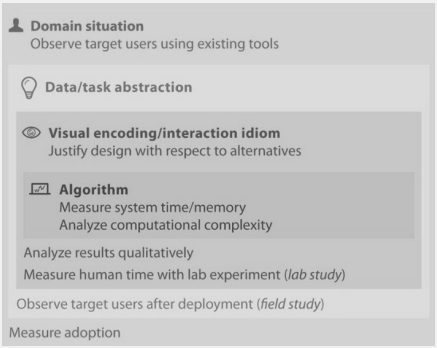
Introduction Nested Models

Nested Models

Domain	Understand the user, the data and tasks
	Use domain specific vocabulary
	Produce a set of tasks/questions 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.

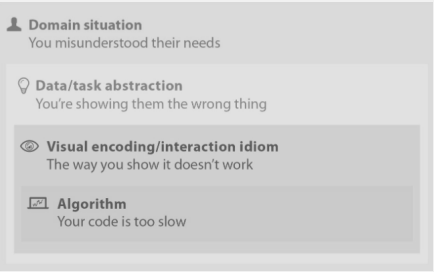
Nested model - Validation



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?

Dangers at each level



A mistake at the higher level cannot be corrected on the lower