Data Types & Dataset Types

Munzner, T. (2014). Visualization analysis and design. CRC press.

Networks & Trees	Fields	Geometry	Clusters, Sets, Lists
Items (nodes)	Grids	Items	Items
Links	Positions	Positions	
Attributes	Attributes		
	Trees Items (nodes) Links	Trees Items (nodes) Crids Positions	Trees Items (nodes) Grids Items Positions Positions

Encoding Principles

Position

→ Horizontal → Vertical → Both

I

→ Color



→ Shape







→ Tilt



→ Size

- → Length
 - _ __ __
- → Area

→ Volume







Marks as Items/Nodes

→ Points

→ Lines

→ Areas









Marks as Links

- → Containment

Connection

