	Tashfeen 221-2041 05-0
	Data Visualization (DAV) a information
	1 Interactions:
	· Change Overtime Geometric Sementic focus
	· Select
	· Navigate -> Item Reduction & 200m Pan, Translate Constrained
	Attribute reduction Slice / Cut / Project
Total Control	mas his me
-	Year co
•	Interaction is required - encoding viewpoint
medical	· ordering . attributes being
deserva	Skown
1	Animated transition + Stacked All States
- Contract	500 ped. 1644 1117
	Categorial attributes don't need gorting
-	· Compare these ettn butes
-	· Jost them w.r.t ordered attribute.
and a second	
9	Selection target 7 · items links attributes / views.
-	
	Brushing > certain area, hepplipher.
	Select + highlight
	Navigation -> · Camva > only certain features
	Navigation -> · Camra > only certain features analogy Nist by in a frame
-	· Rooming . Translating
	· Panning · Rotating
-	Navigation - Un Constrained -> more freely in any
	Constrints navigations distern without limits.
	· Constrained - movement similed to
	p navigations some area as time
	(limit pain)

Scented	\rightarrow	dropdown)	Dider.
Nidgets		, ,	

· Filter -> Tremove the selected or Rilter
aggregate > Join other than selected.
· Reducing Complexity > • reduce items of attributes
fitering - other - intering feliminate marks to feltering filtered 9 tems.
Ketaring Piltered 9 tems.
Atribute - attribute impred to filtring different channels The mapped to same Channel allows many
Filtering different Channells
Chamel, allows min
Ztar, butes
Overies & filters
State with Rolling Oder
with all
add Herns vernou items-
. Attribute filtering can be combined
with iteam foltering
jan to the second secon

Facet (noun) - refers to particular aspect or feature of facet (verb) - act of spritting or segmenting deta into spritting or segmenting deta into Mani pulate Change Select · Jux to posed ·-Visualization techniques Superimposes · Nested -Juxtapose > · Shaveencoding (some / different data point in one view Detween yels Har ship of dissets - helps (ASR/ Subset | None If we pan or zoom Share Navigation > view, other pen or view maintains context conspt ency the views. Data Subset None RRA Smell Overview 1 Redundant Encodin wolt: plus Multiform Visualized data Views different ways. sever space becomes (. two ming Allows between Changes

· Per HHoned View (spoit detest into groups and
Nihalize each grop)
· Extremes: one stem per group, one group for all
· Con be hererchy > order >
which atomical
cp2:+7 -> Categorial
Example > Treads Mothix - speit date into most ple
Appignment smaller Charts (faces) • Each you or column volviosents
different system of date
make Comparison Casy.
- Super imposition > . Treemed uses imposition.
- Focus Context (Compress regions that are not Correct focus)
Consert Pocus
Embeded Reduce
· Elide deta (selectively filter & Filter
· Superimpole layer · Aggresite.
· distort geomeny
- Edision (include both filtering and aggregation but
John the sive over all view of detail
(Doz Trues)
Alteration design to enhance
- Superimpried layer Suppression - highasting selected entry
Supprecision > highagung selected
Envictment the rest
shape of focus + retiral, vectoriols
· - Distortan > (Fisting lang)
Types of interactions - geometric, russer Sheet,
moreable gensen

