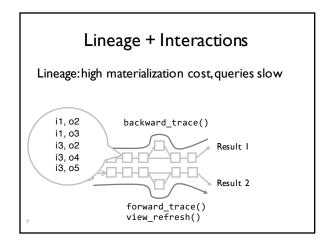


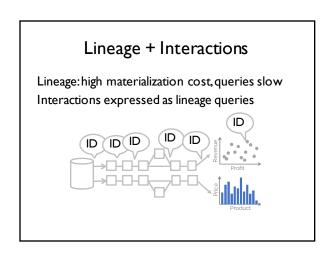
3 Database Problems in Visualization

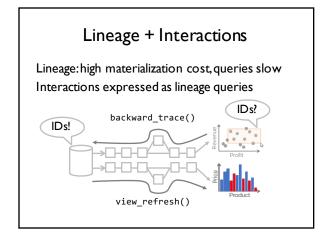
I.Lineage

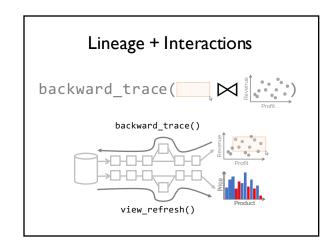
2.Consistency

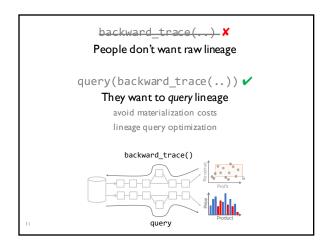
3.Query Mining











3 Database Problems in Visualization

I.Lineage
2.Consistency
3.Query Mining

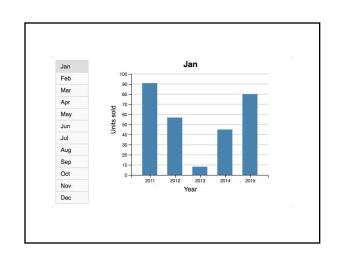
Perception Push-down

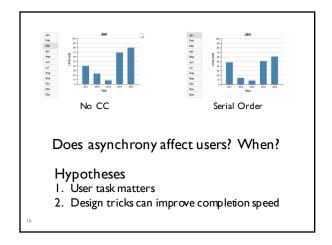
Eyes not perfect

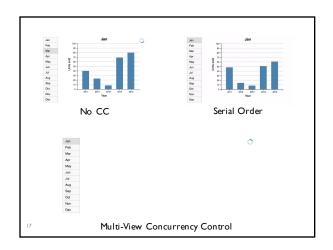
Render approx viz

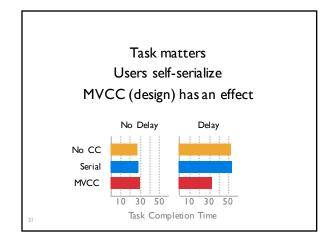
Model human properties

Use models in viz system









3 Database Problems in Visualization

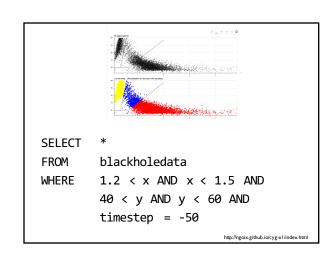
I.Lineage
2.Consistency
3.Query Mining

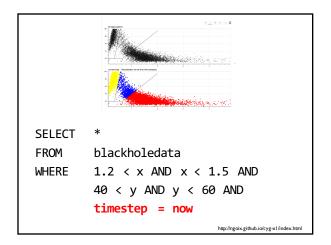
What Interfaces to Build?
2 underserved issues

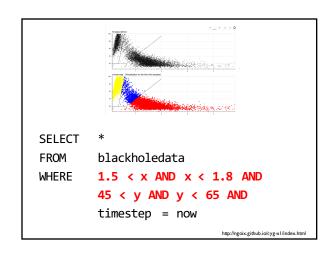
Many useful UI don't exist due to high friction or org challenges

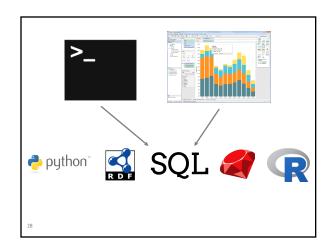
Viz systems go for coverage over task efficiency

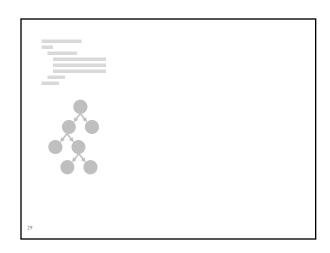
PI Precision Interfaces

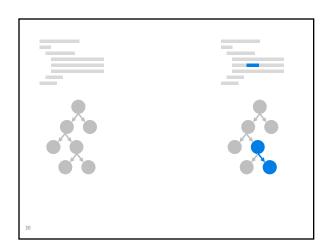


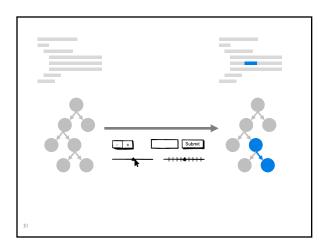


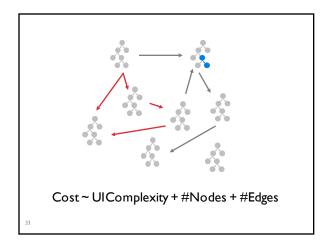


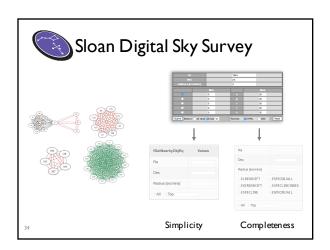












3 Database Problems in Visualization

1.Lineage2.Consistency3.Query Mining

35

 $N \ \mathsf{Database} \ \mathsf{Problems} \ \mathsf{inVisualization}$ 

I.Lineage2.Consistency3.Query Mining

4.And more...

