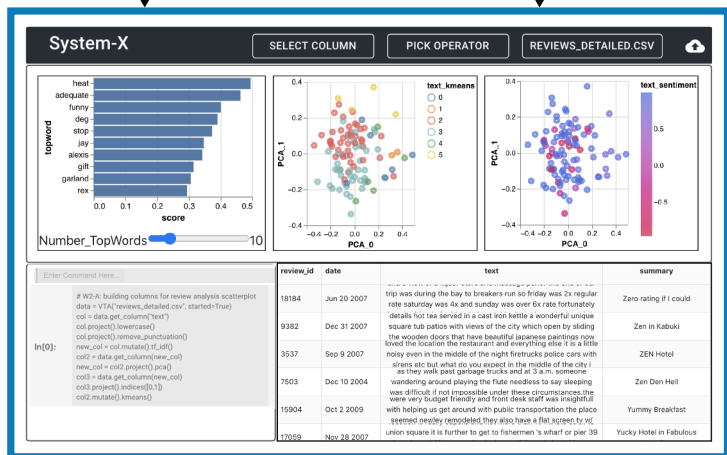


# CLIENT



VITAL Scripts  
Visual Interactions  
Menu Operations  
Data Operations

Frontend  
Request  
Processor



# SERVER

System-X Controller

VTA Compiler

Session Manager

VTA Executor

Task Queue

data = VTA("xyz")

c1 = data.get\_col()

c1.project().clean()

c1.mutate().tf\_idf()

Session Variables

DataFrame

Metadata

View Cache

Coordination Graph