







PhoneNumber	City
206-555-1234	Seattle
206-555-6543	Seattle
908-555-2121	Westfield
	206-555-1234 206-555-6543









Name	SSN	PhoneNumber	City
Fred	123-45-6789	206-555-1234	Seattle
Fred	123-45-6789	206-555-6543	Seattle
Joe	987-65-4321	908-555-2121	Westfield
Joe	987-65-4321	908-555-1234	Westfield
	ame, City ➤ Name, City is a	"bad" dependen	cy Name, SSN Pr City SSN*





































Motivation

- We learned about how to normalize tables to avoid anomalies
- How can we implement normalization in SQL if we can't modify existing tables?
 - This might be due to legacy applications that rely on previous schemas to run

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T1(<u>ssn</u> ,name,address) T2(<u>ssn</u> ,resume)	Resumes(<u>ssn</u> ,name,address,resume,picture)				
^{T3(ssn.picture)} Vertical Partitioning					
CREATE VIEW Resumes AS SELECT T1.ssn, T1.name, T T2.resume, T3.pictu FROM T1,T2,T3 WHERE T1.ssn=T2.ssn AND	Jre				
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