





























Keys			
 Use surrogate keys also for the Time dimension 			
 SQL-based date key, is typically 8 bytes, so 4 bytes are wasted 			
 bypassing joins leads to embedding knowledge of the calendar in the application, rather than reading it from the time dimension 			
 it is not possible to encode a data stamp as "I do not know", "It has not happen yet", etc 			
 Avoid smart keys 			
 Avoid production keys 			
 production may decide to reuse keys 			
 the company may acquire a competitor and thereby change the key building rules 			
 changed record, but deliberately not changed key 			































Heterogeneous Products				
		Core Fact Table		
Core Account Dim		time key	•	
account_key	•	account_key		
type		household_key	•	
category		balance		
Custom Saving Dim account_key type category saving attr	4	Custom Saving Fact time_key account_key household_key balance saving facts	→ →	
Cusom Checking Dim		Custom Checking Fact time_key		
account_key	•	account_key		
type		household_key		
category		balance		
checking attr		checking facts		







