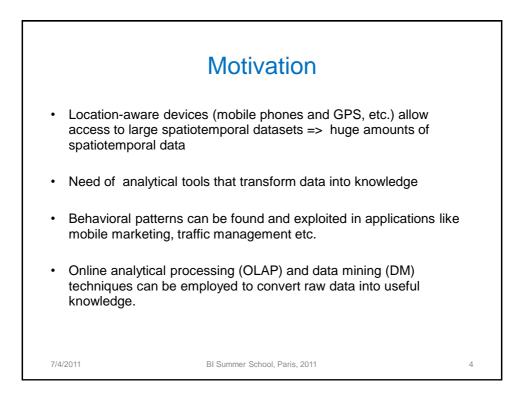
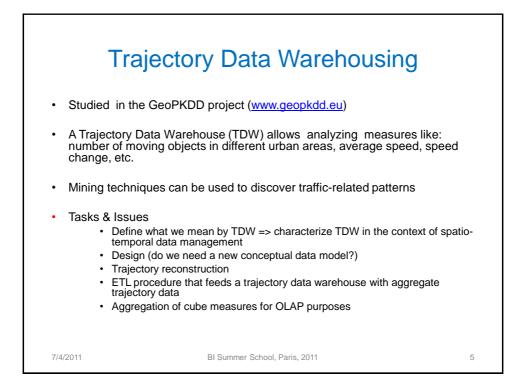
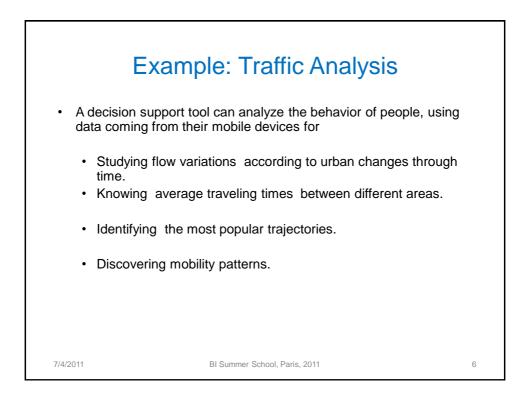
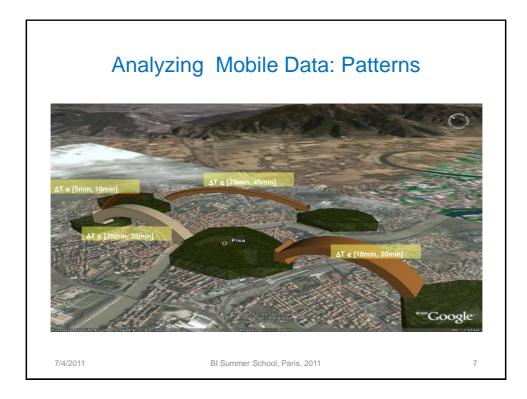


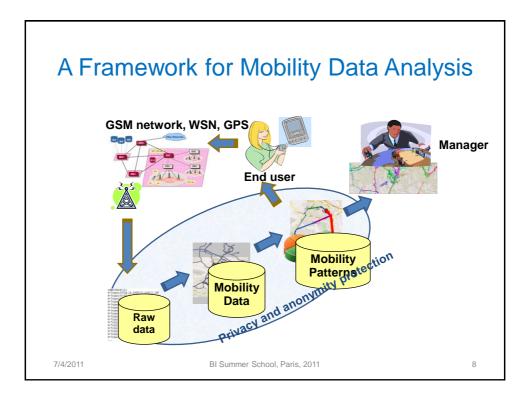
	Outline	
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7/4/2011	BI Summer School, Paris, 2011	3

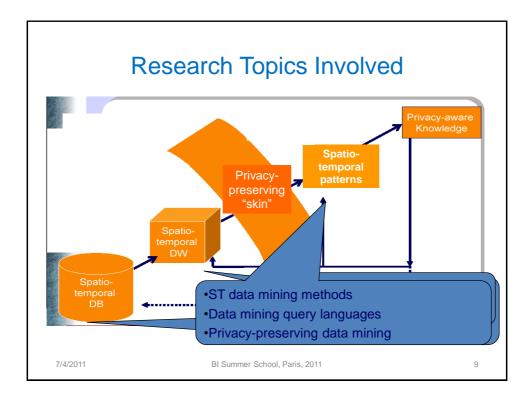


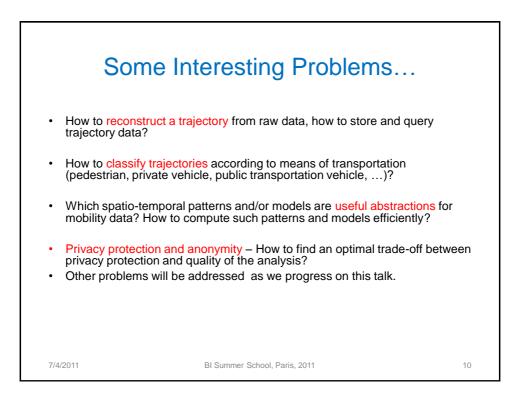


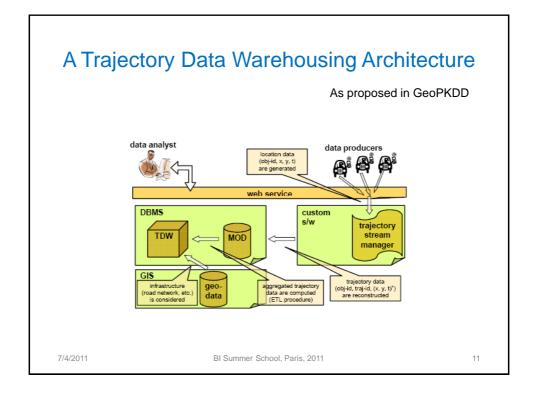


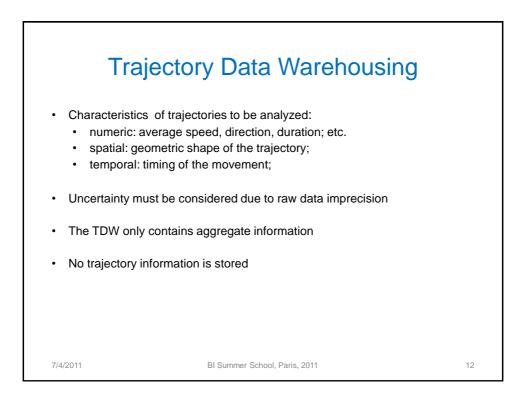


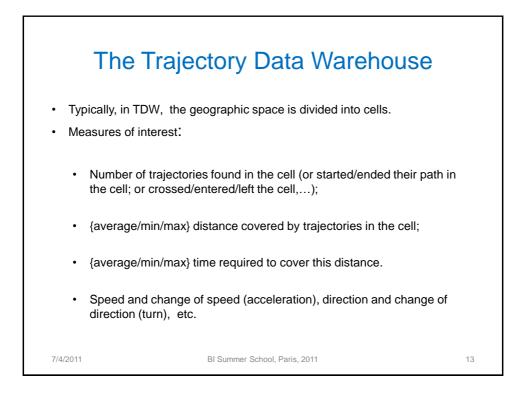


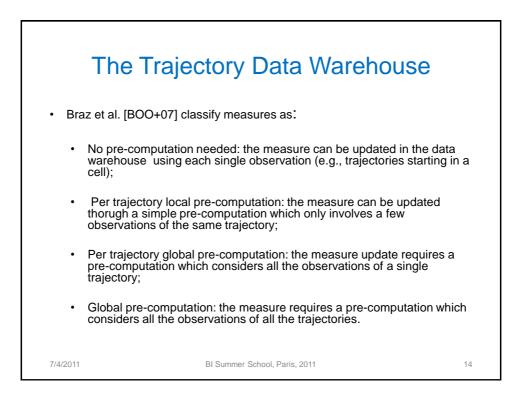


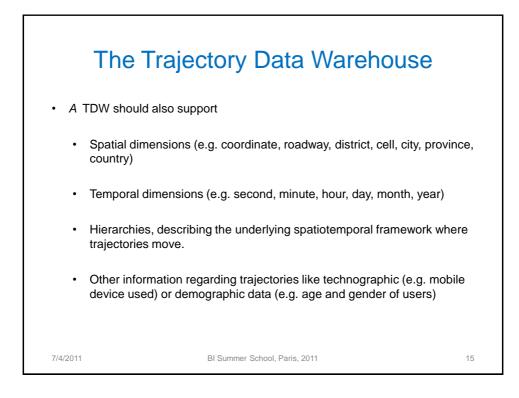


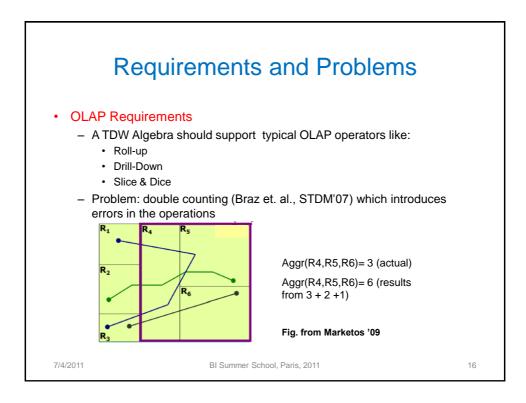


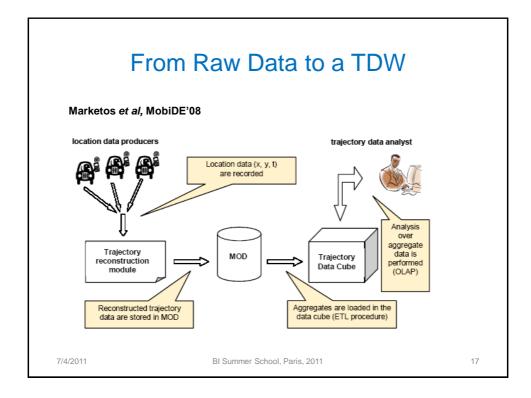


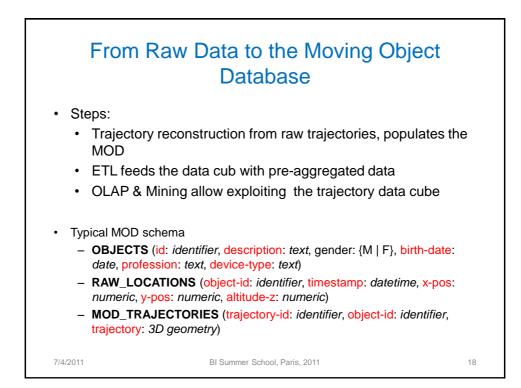


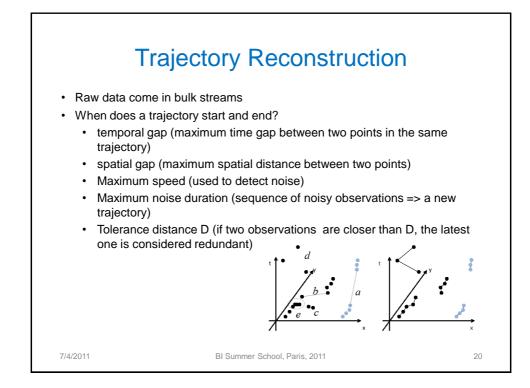


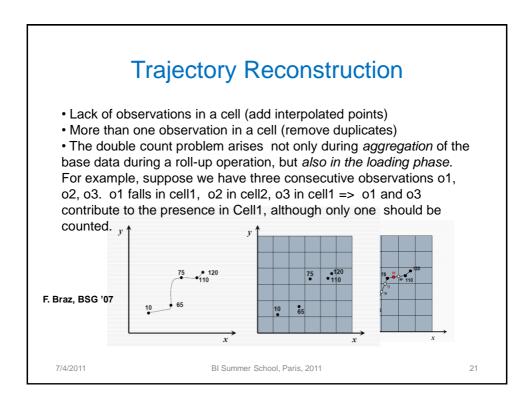


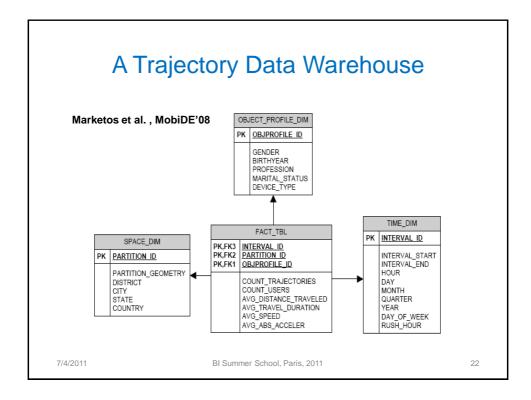


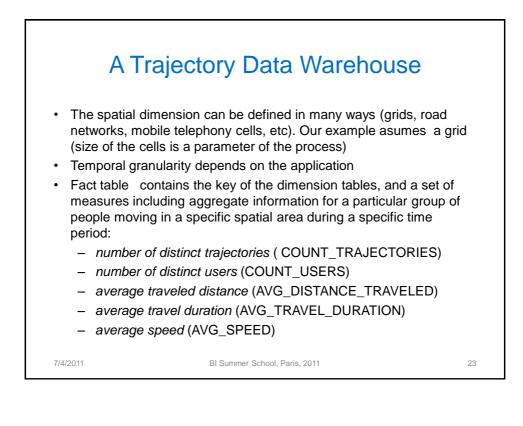


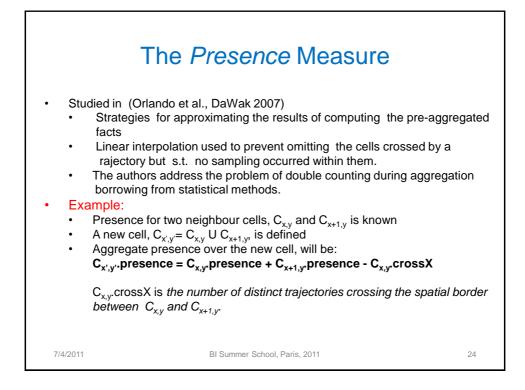


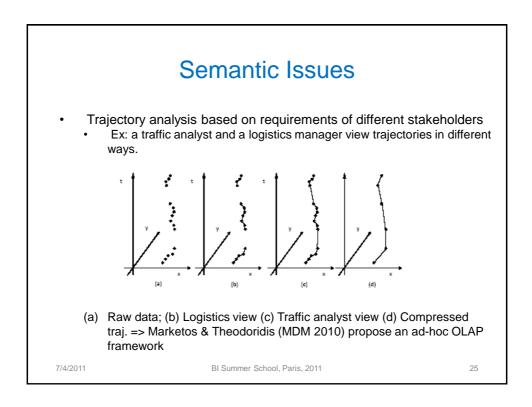


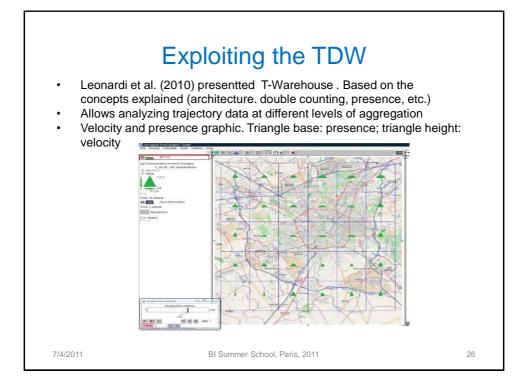


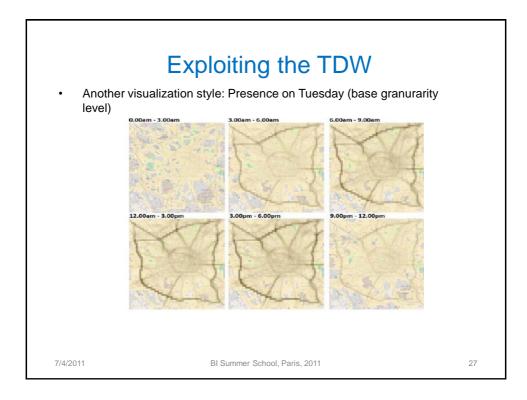


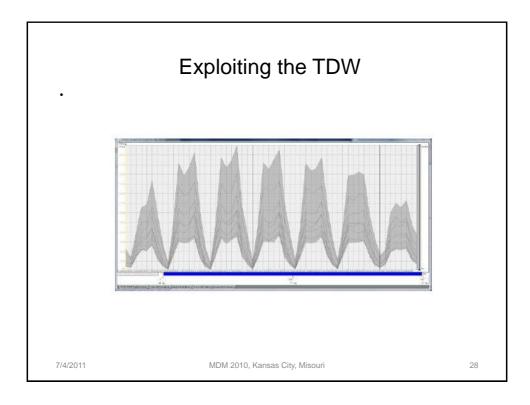


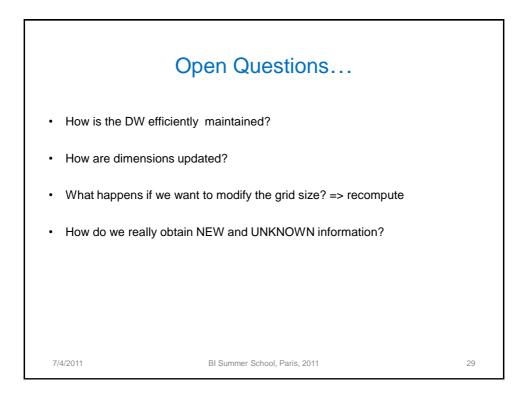


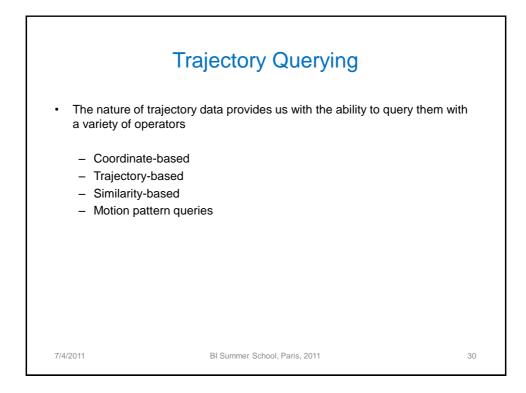


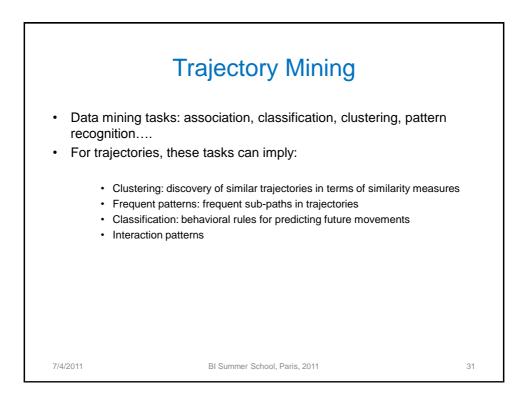


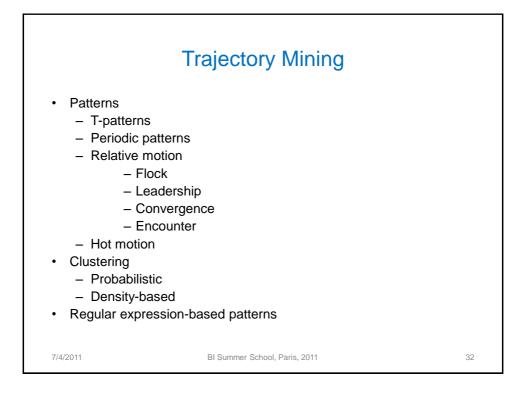


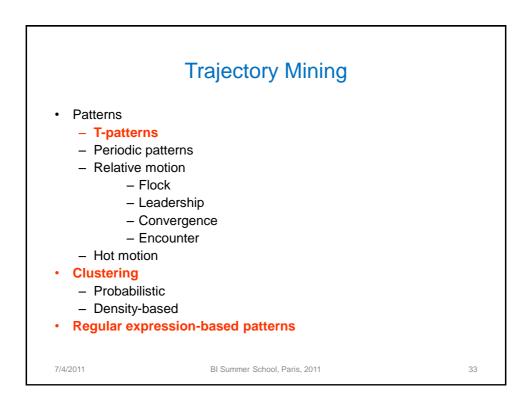


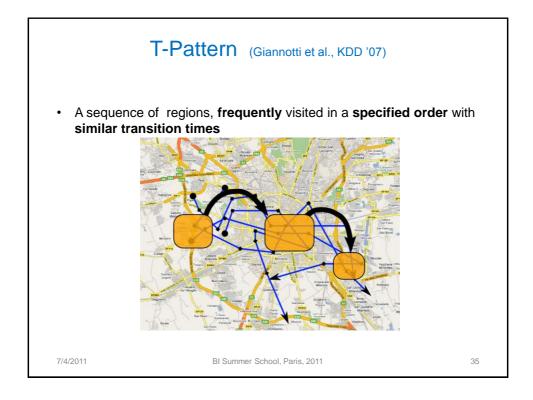


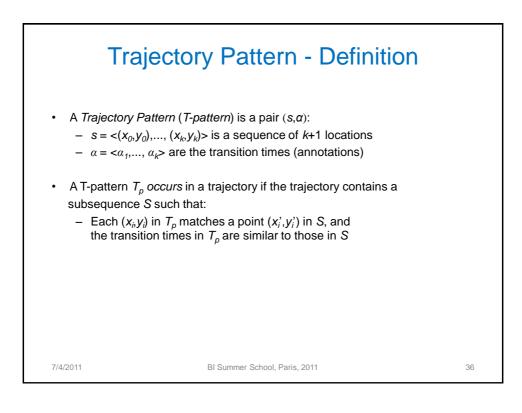


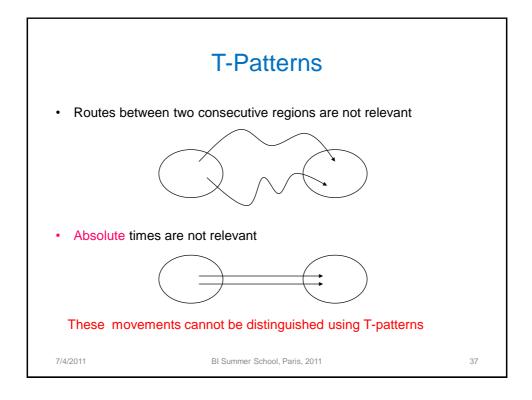


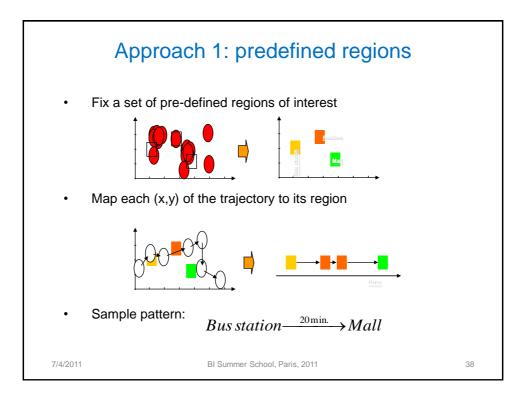


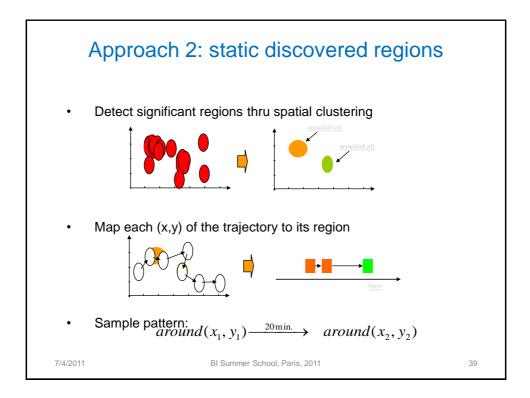


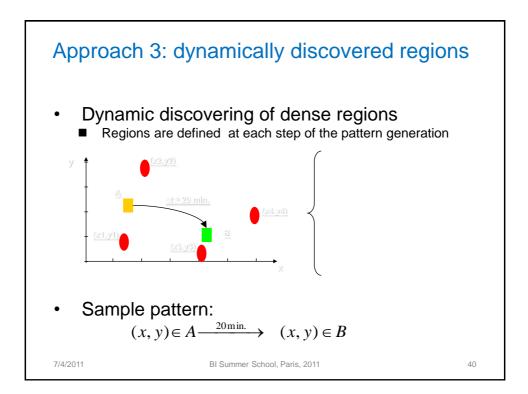


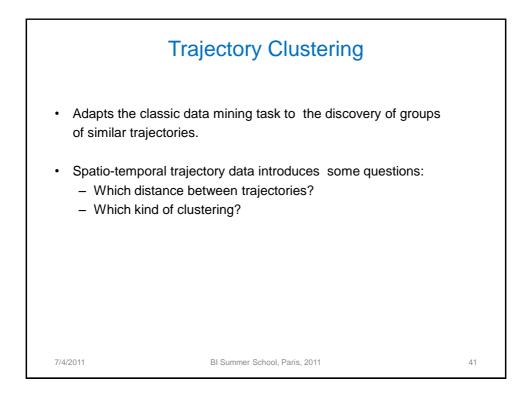


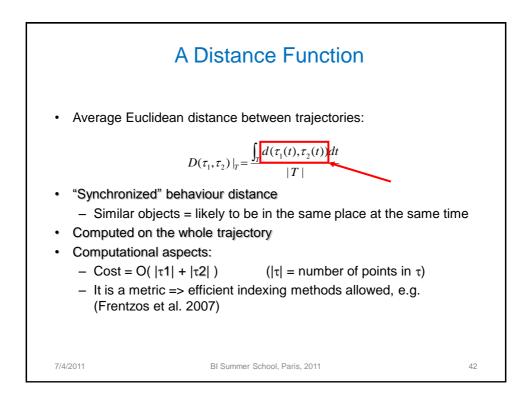


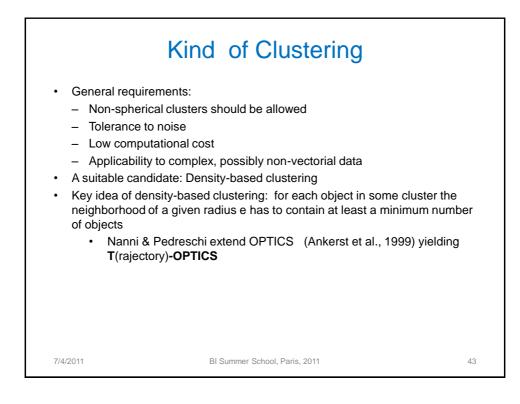


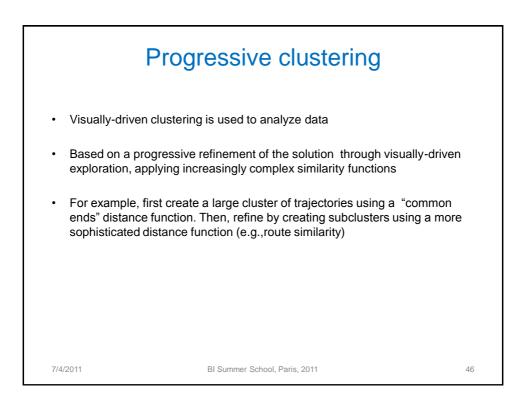


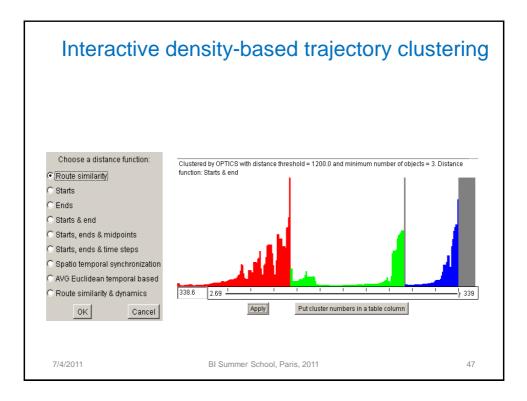




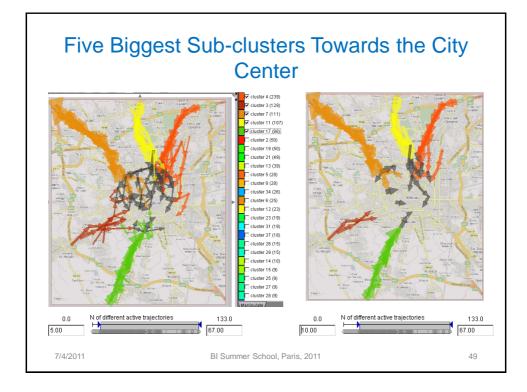


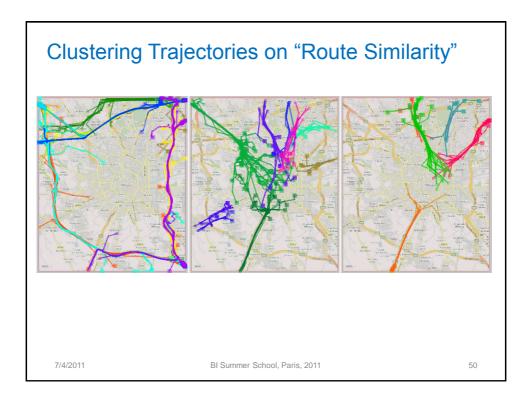


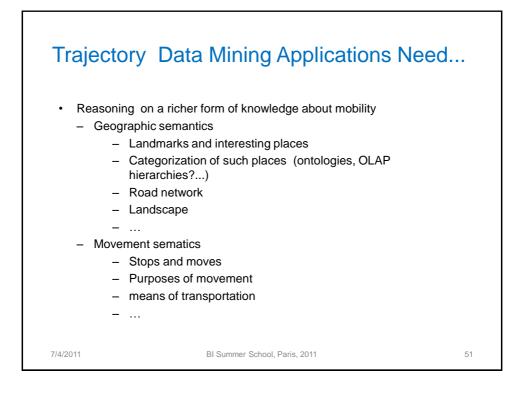


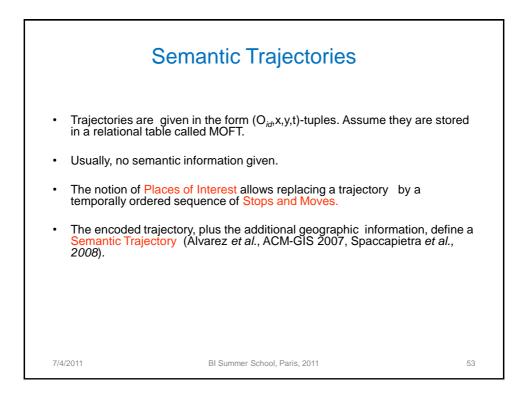


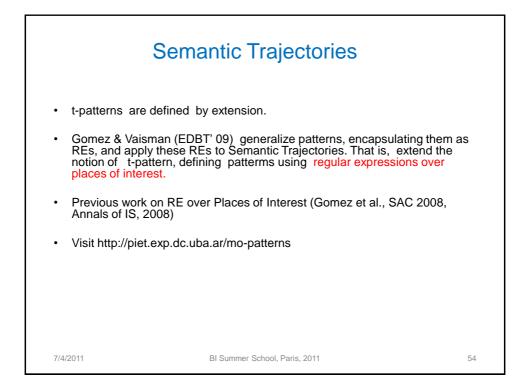


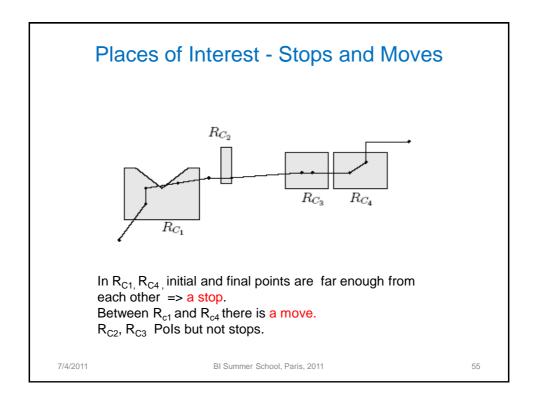


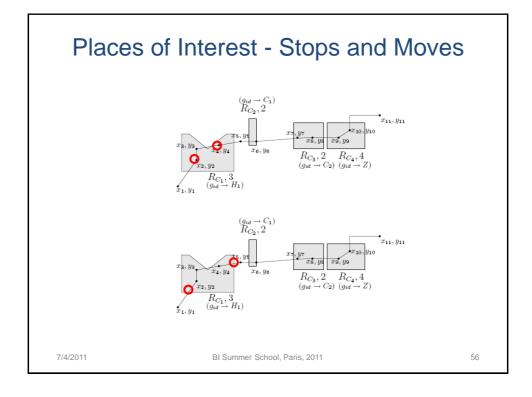


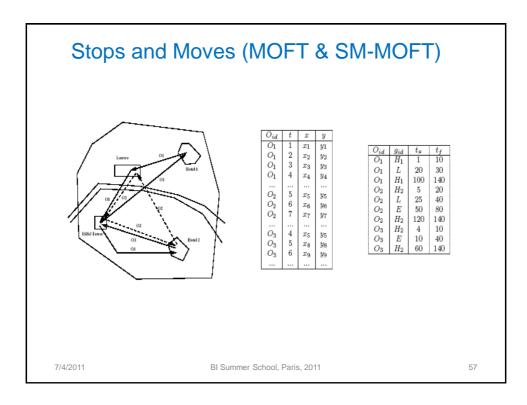


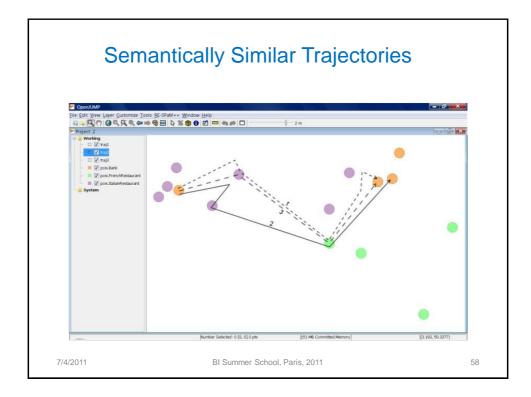


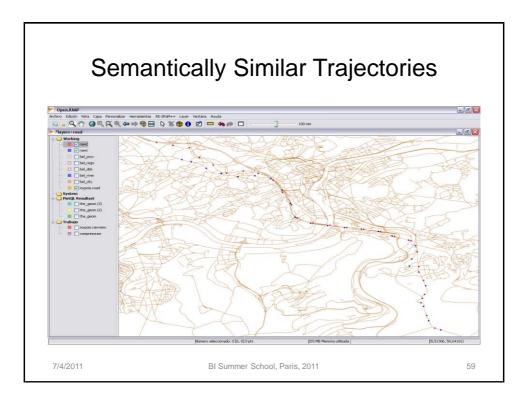


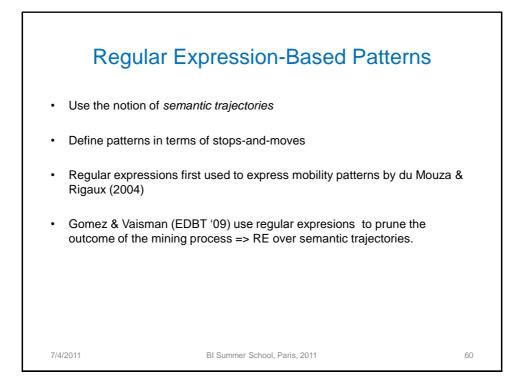


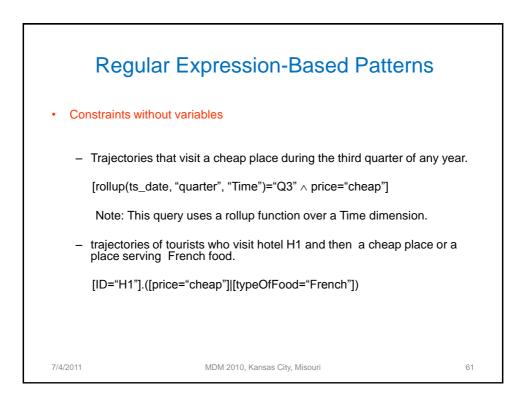


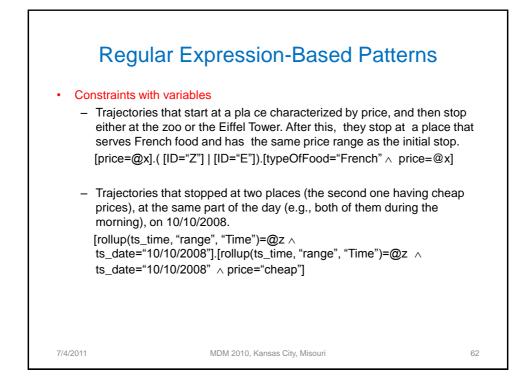


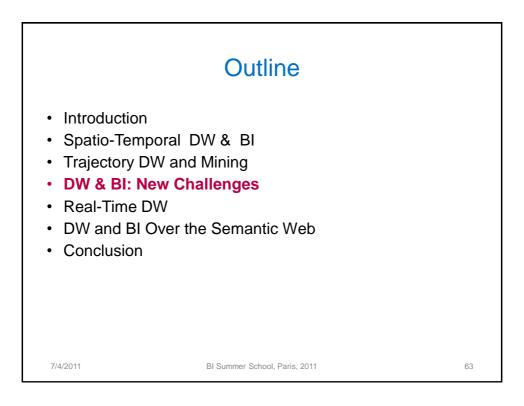


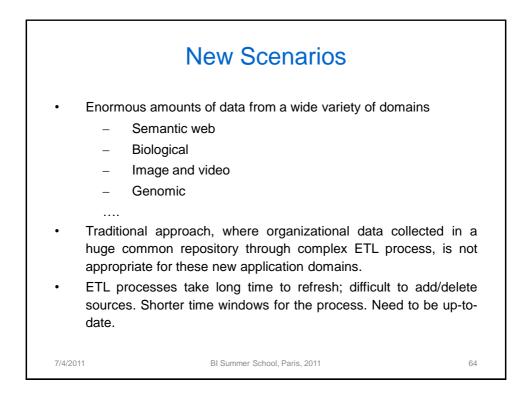


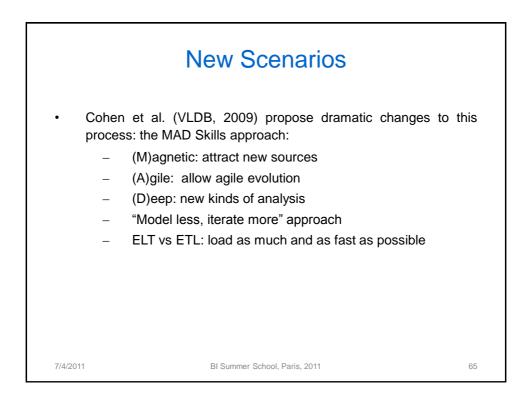


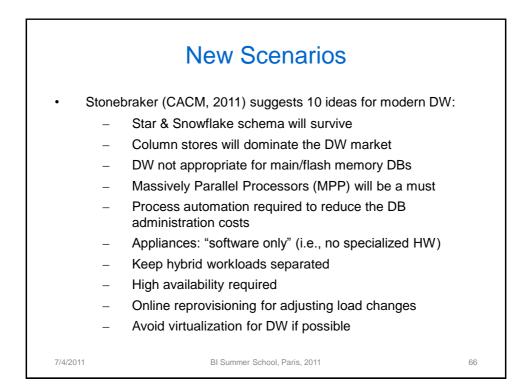


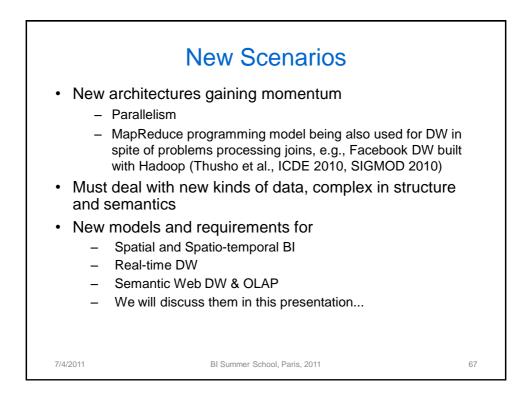


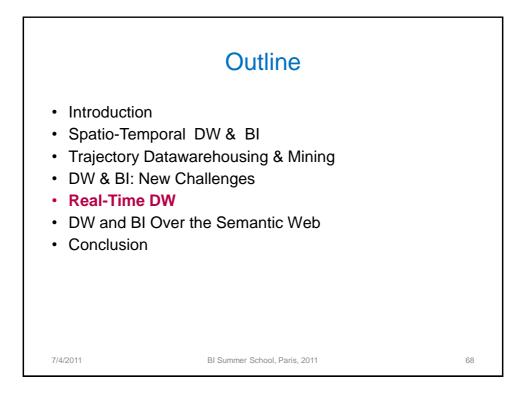


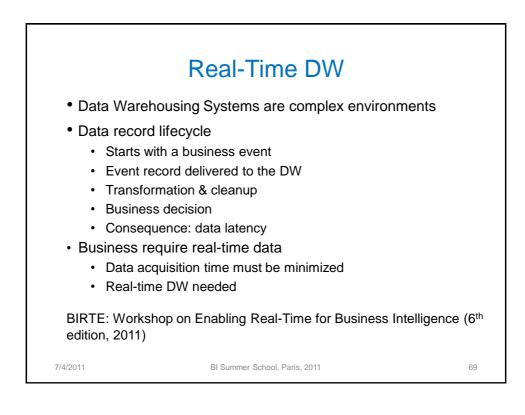


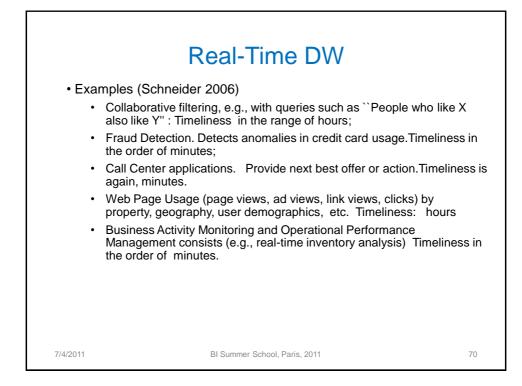


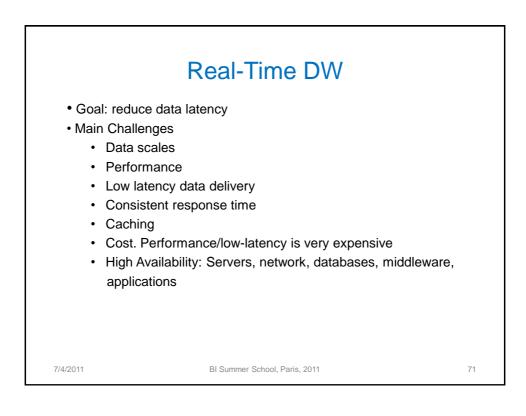


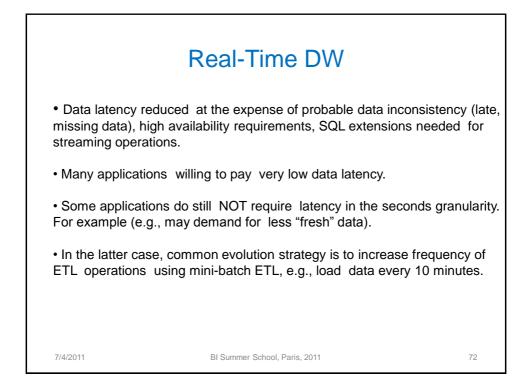


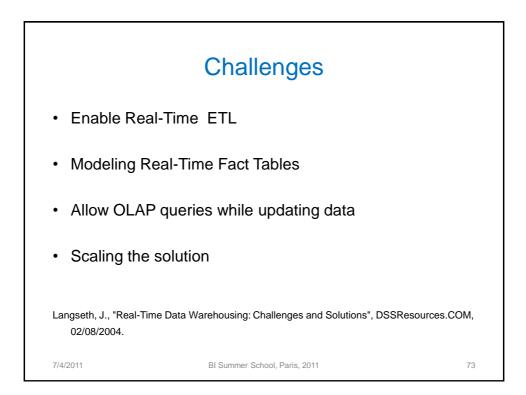


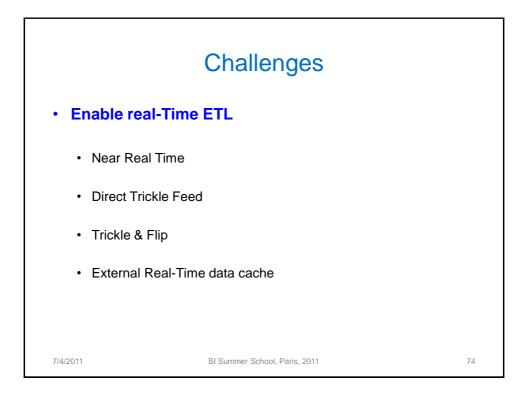


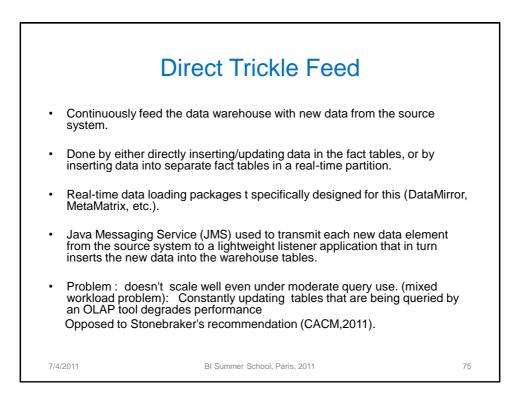


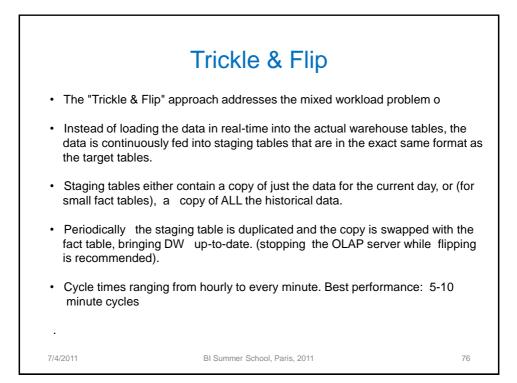


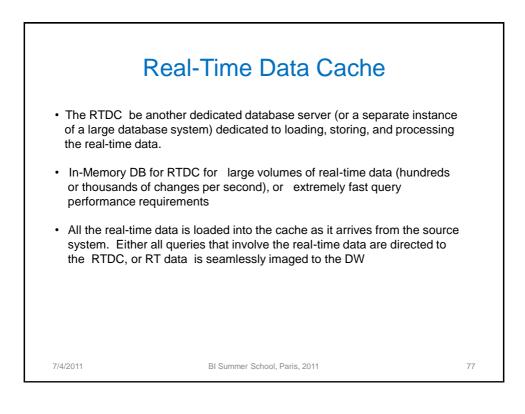


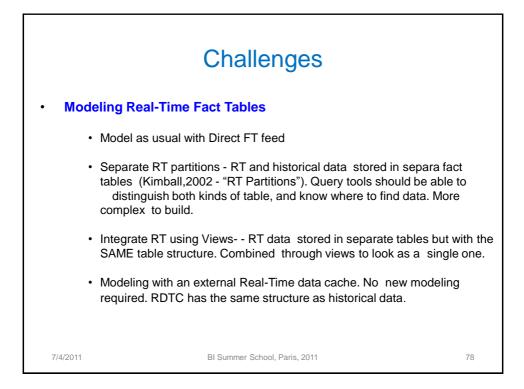


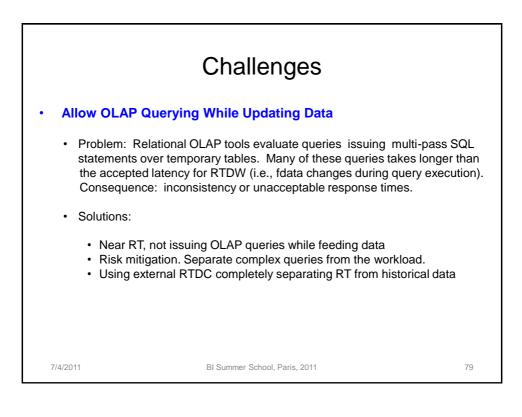


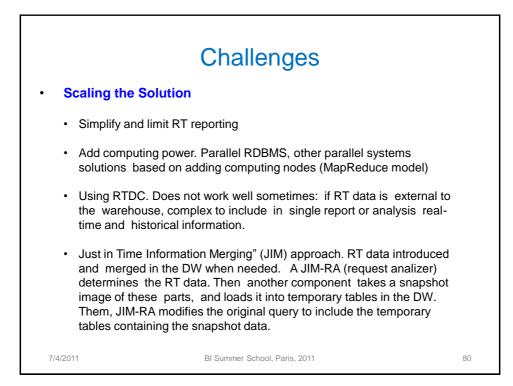


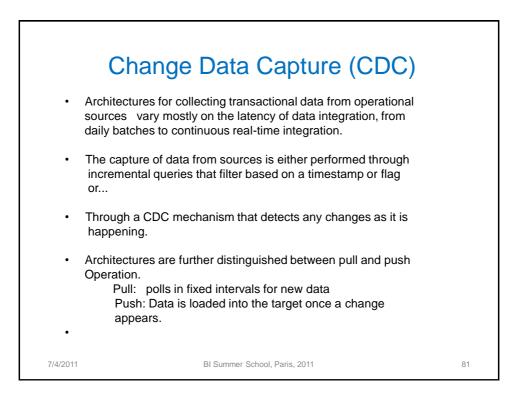












	Batch	Mini-Batch	Micro-Batch	Real-Time
Description	Data is loaded in full or incrementally using a off-peak window.	Data is loaded incrementally using intra-day loads.	Source changes are captured and accumulated to be loaded in intervals.	Source changes are captured and immediately applied to the DW.
Latency	Daily or higher	Hourly or higher	15min & higher	sub-second
Capture	Filter Query	Filter Query	CDC	CDC
Intialization	Pull	Pull	Push, then Pull	Push
Target Load	High Impact	Low Impact, load frequency is tuneable		
Source Load	High Impact	Queries at peak times necessary	Some to none depending on CDC technique	

