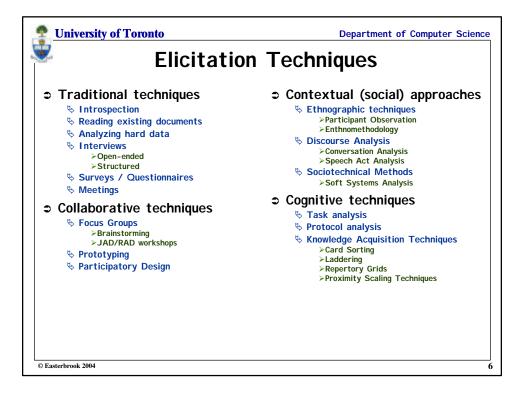
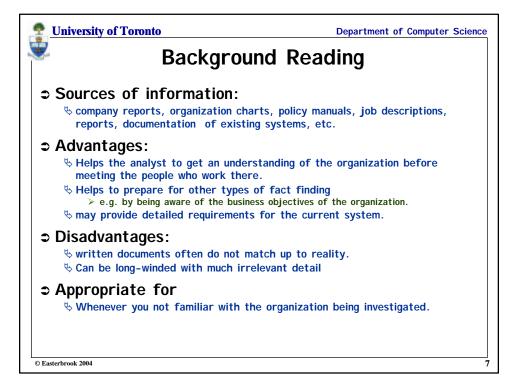
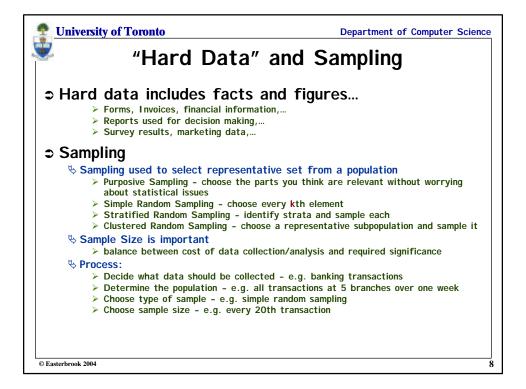


University of Toronto	Department of Computer Science
University of Toronto University of Toronto Subset of the second secon	Department of Computer Science Bias Examples of Bias Social pressure response to verbal and non-verbal cues from interviewer Group think response to reactions of other experts Impression management response to imagined reactions of managers, clients, Wishful thinking response to hopes or possible gains. Appropriation Selective interpretation to support current beliefs. Misrepresentation expert cannot accurately fit a response into the requested response mode Anchoring contradictory data ignored once initial solution is available Inconsistency assumptions made earlier are forgotten Availability some data are easier to recall than others Underestimation of uncertainty tendency to underestimate by a factor of 2 or 3.
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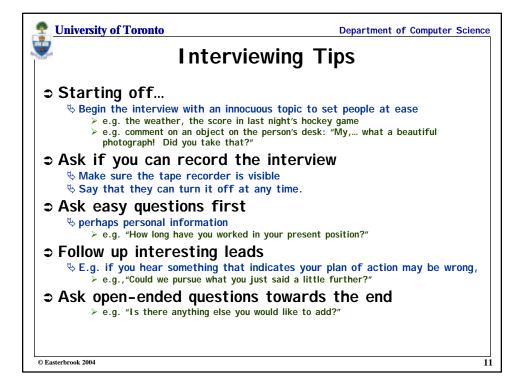


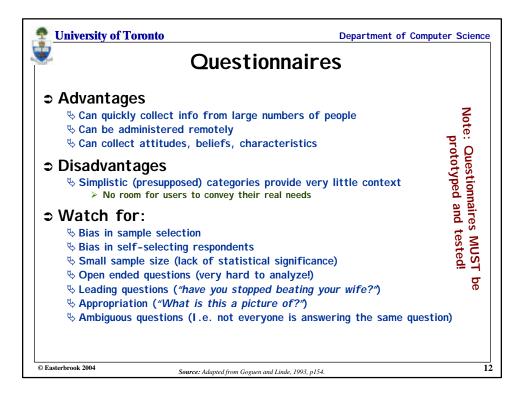


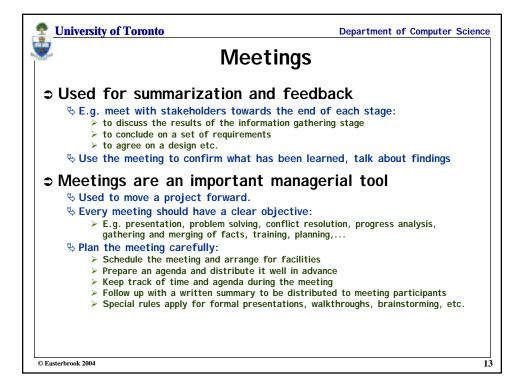


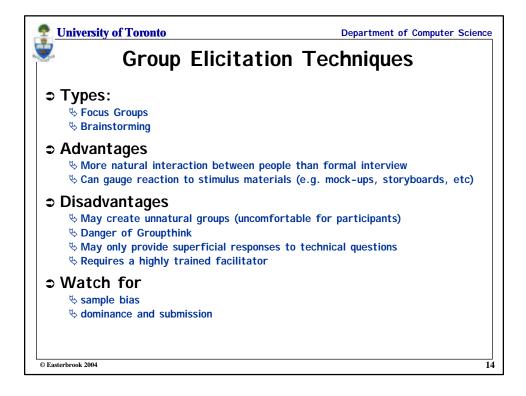
Example of	Agate Campaign Summary Data 23rd February 1999					
hard data						
≎Questions: %What does this data tell you?	Cilent	Yellow Part Park Road W Jewellery Q Birmingham U.K.	orkshops uarter	5		
& What would you do with	Campaign Spring Collection 1999					
this data?	Billing GB E Currency					
	ltem		Curr	Amount	Rate	Billing amount
	photogra layout			15,000.00	1	15,000.00
	Vogue	nt French	FFr.	47 000,00	11.35	4,140.97
	Placemer	nt UK Vogue	GB £	5,000.00	1	5,000.00
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	210-212 Carstains Street, Birmingham B1 516 TeLD121-111-1234 Fax.D121-111-1245					
© Easterbrook 2004			EmaiLagate@	þagateltd.co.uk		

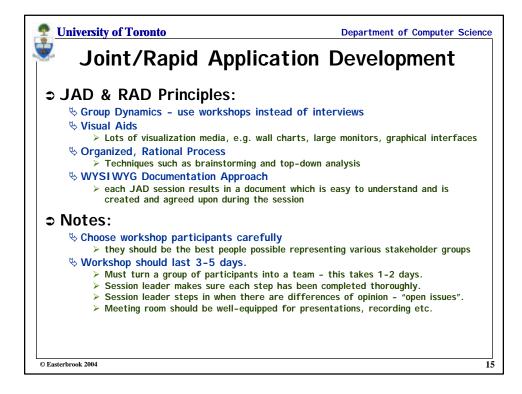
Tore the second	ronto	Department of Computer Science		
Interviews				
	- agenda of fairly open question - no pre-set agenda	ns		
Sood for un	ion of information covering opinions, feelings, goal	s, as well as hard facts ions to what the person tells you		
Scheme Hard to con	ges nt of qualitative data can be ha npare different respondents g is a difficult skill to master	rd to analyze		
Solution State	le questions ("how do you tie yo edge (and post-hoc rationalization	on)		
© Easterbrook 2004	Source: Adapted from Goguen and Linde, 199.	3, p154. 10		

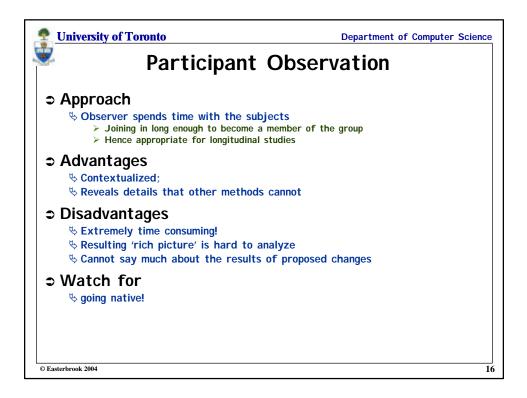


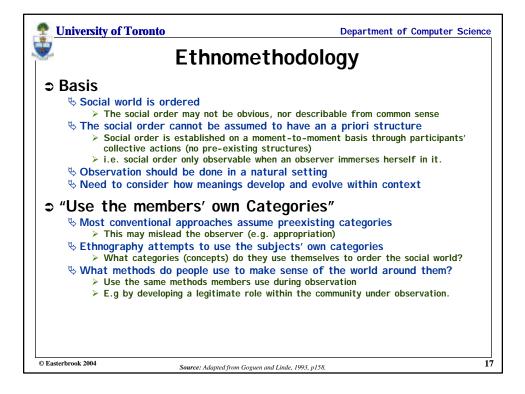


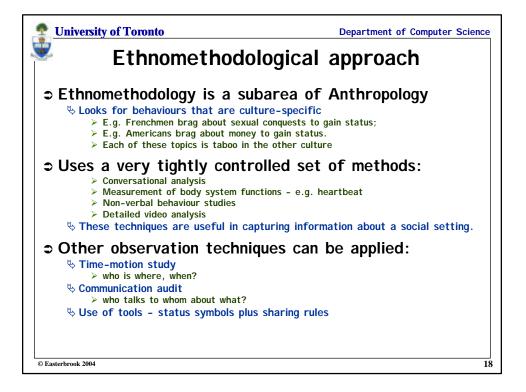


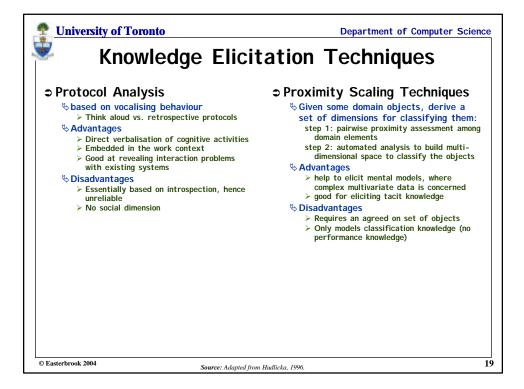












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 For a given set of domain objects, written on cards: Expert sorts the cards into groups Expert sorts the cards into groups Interview the expert. Use questions to move up and down a conceptual hierarchy E.g. developing goal hierarchies Advantages simple, amenable to automation elicits classification knowledge Soutable entities need to be identified with suitable semantic spread across domain. No performance knowledge No performance knowledge Uses a set of probes to acquire stakeholders' knowledge. Interview the expert. Use questions to move up and down a conceptual hierarchy E.g. developing goal hierarchies deals with hierarchical knowledge, including poly-hierarchies (e.g., goal trees, "is-a" taxonomies). knowledge is represented in standardised format can elicit structural knowledge suitable for automation. Disadvantages assumes hierarchically arranged 	more KE techniques					
	 For a given set of domain objects, written on cards: Expert sorts the cards into groups then says what the criterion was for sorting, and what the groups were. Advantages simple, amenable to automation elicits classification knowledge Problems suitable entities need to be identified with suitable semantic spread across domain. 	 Uses a set of probes to acquire stakeholders' knowledge. Interview the expert. Use questions to move up and down a conceptual hierarchy E.g. developing goal hierarchies Advantages deals with hierarchical knowledge, including poly-hierarchies (e.g., goal trees, "is-a" taxonomies). knowledge is represented in standardised format can elicit structural knowledge suitable for automation. Disadvantages assumes hierarchically arranged 				