USC Jimmy Iovine and Andre Young Academy

Arts, Technology and the Business of Innovation

ACAD 280: Designing Digital Experiences

# DATA, INFORMATION, KNOWLEDGE, AND WISDOM

Instructor: Aaron Siegel Assistant Professor of Design aaronsie@usc.edu January 9th, 2024







### Data.

Simple discrete facts and figures.

### Information.

Data endowed with relevance and purpose.





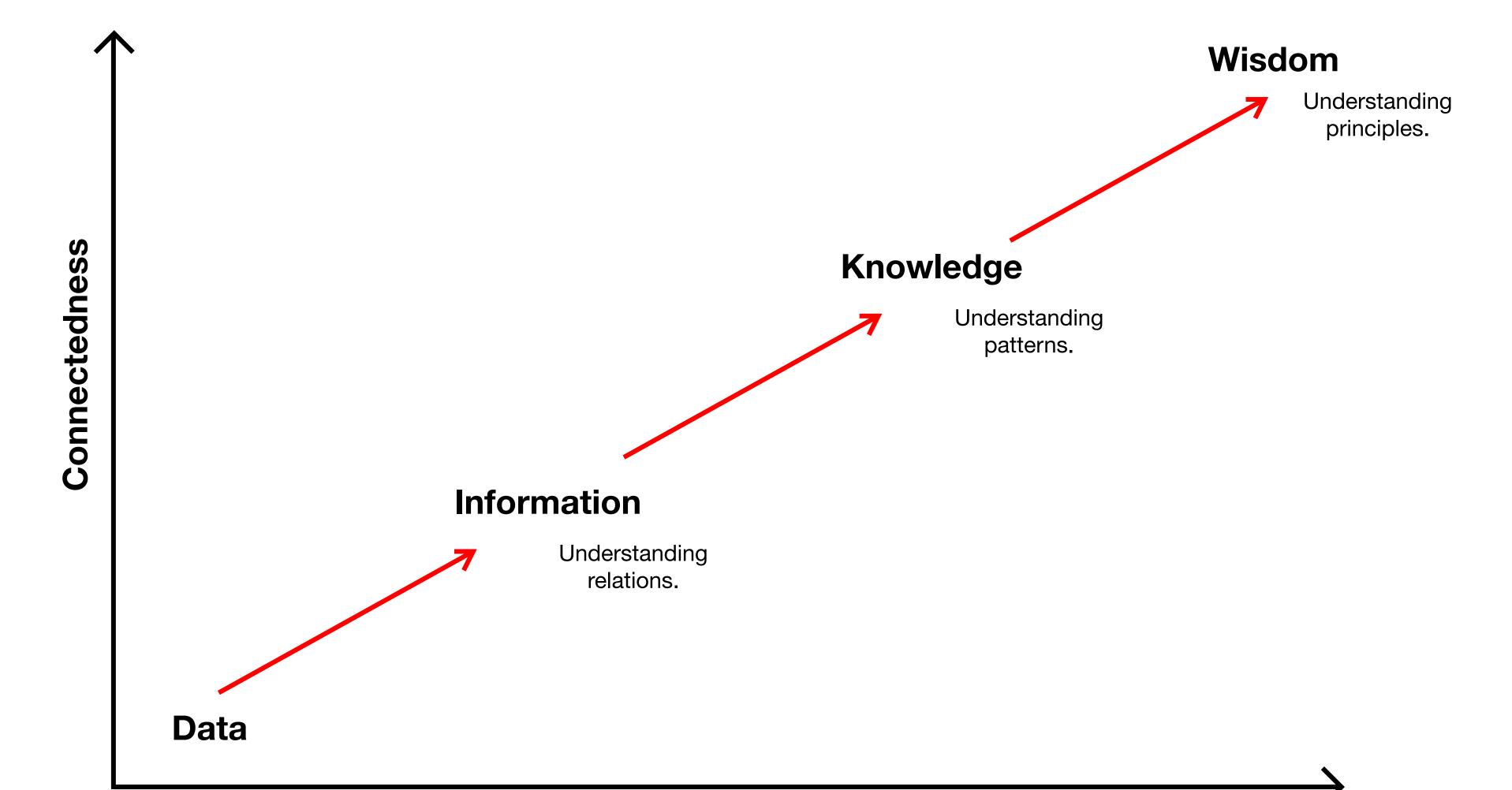
### Knowledge.

Information endowed with application.

### Wisdom.

Knowledge endowed with age and experience.

### UNDERSTANDING / CONNECTEDNESS.



Understanding

8:10	8:18	8:19	8:31
8:20	8:28	8:25	8:37
8:30	8:38	8:31	8:43
8:40	8:48	8:37	8:49
8:50	8:58	8:43	8:55

Simple discrete facts and figures.





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PURP		EXPO LINE		
DEPART KOREATOWN 8 M	ARRIVE DOWNTOWN	DEPART DOWNTOWN MINS 12 I	ARRI US MINS	
8:10 am	<b>8:18</b> am	<b>8:19</b> am	8:31	
<b>8:20</b> am	<b>8:28</b> am	<b>8:25</b> am	8:37	
<b>8:30</b> am	<b>8:38</b> am	8:31 am	8:43	
<b>8:40</b> am	<b>8:48</b> am	<b>8:37</b> am	8:49	
<b>8:50</b> am	<b>8:58</b> am	<b>8:43</b> am	8:55	

### RMATION.



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Data organized for meaningful purposes.

	PURPL	ELINE	EXP	OLINE		
WALK TO TRAIN STATION 10 M	DEPART KOREATOWN	ARRIVE DOWNTOWN	DEPART DOWNTOWN MINS 12 M	ARRIVE USC MINS 5 M	WALK TO CLASS	TOTAL TRIP DURATION
8:00 am	8:10 am	<b>8:18</b> am				<b>36</b> mins
<b>8:10</b> am	<b>8:20</b> am	<b>8:28</b> am	8:25 am	<b>8:37</b> am	<b>8:42</b> am	<b>42</b> mins
<b>8:20</b> am	<b>8:30</b> am	<b>8:38</b> am	8:31 am	<b>8:43</b> am	<b>8:48</b> am	<b>38</b> mins
<b>8:30</b> am	<b>8:40</b> am	<b>8:48</b> am	<b>8:37</b> am	<b>8:49</b> am	<b>8:54</b> am	<b>44</b> mins
<b>8:40</b> am	<b>8:50</b> am	<b>8:58</b> am	<b>8:43</b> am	<b>8:55</b> am	<b>9:00</b> am	<b>40</b> mins

A mix of values, experience, contextual information and expert insight.

### KNOWLEDGE.



<b>EXPO</b>	

	PURPL	E LINE	EXP	O LINE		
WALK TO TRAIN STATION	DEPART KOREATOWN		DEPART DOWNTOWN		WALK TO CLASS	TOTAL TRIP DURATION
10 M 8:00 am	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1-7 N 8:18 am		MINS 5 M 8:31 am	<b>8:36</b> am	FAS Mins BUT E
<b>8:10</b> am	<b>8:20</b> am	<b>8:28</b> am	<b>8:25</b> am	<b>8:37</b> am	<b>8:42</b> am	42 mins
<b>8:20</b> am	<b>8:30</b> am	<b>8:38</b> am	<b>8:31</b> am	<b>8:43</b> am	<b>8:48</b> am	<b>38</b> mins
<b>8:30</b> am	<b>8:40</b> am	<b>8:48</b> am	<b>8:37</b> am	<b>8:49</b> am	<b>8:54</b> am	44 mins
<b>8:40</b> am	<b>8:50</b> am	<b>8:58</b> am	<b>8:43</b> am	<b>8:55</b> am	<b>9:00</b> am	40 mins

The insightful combination of data, information, and knowledge collected, curated, digested, and experienced over time.

### WISDOM.



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# "Wisdom is not a product of schooling but of the lifelong attempt to acquire it."



Albert Einstein







The theory of knowledge, especially with regard to its methods, validity, and scope. Epistemology is the investigation of what distinguishes justified belief from opinion.



of Innovation

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