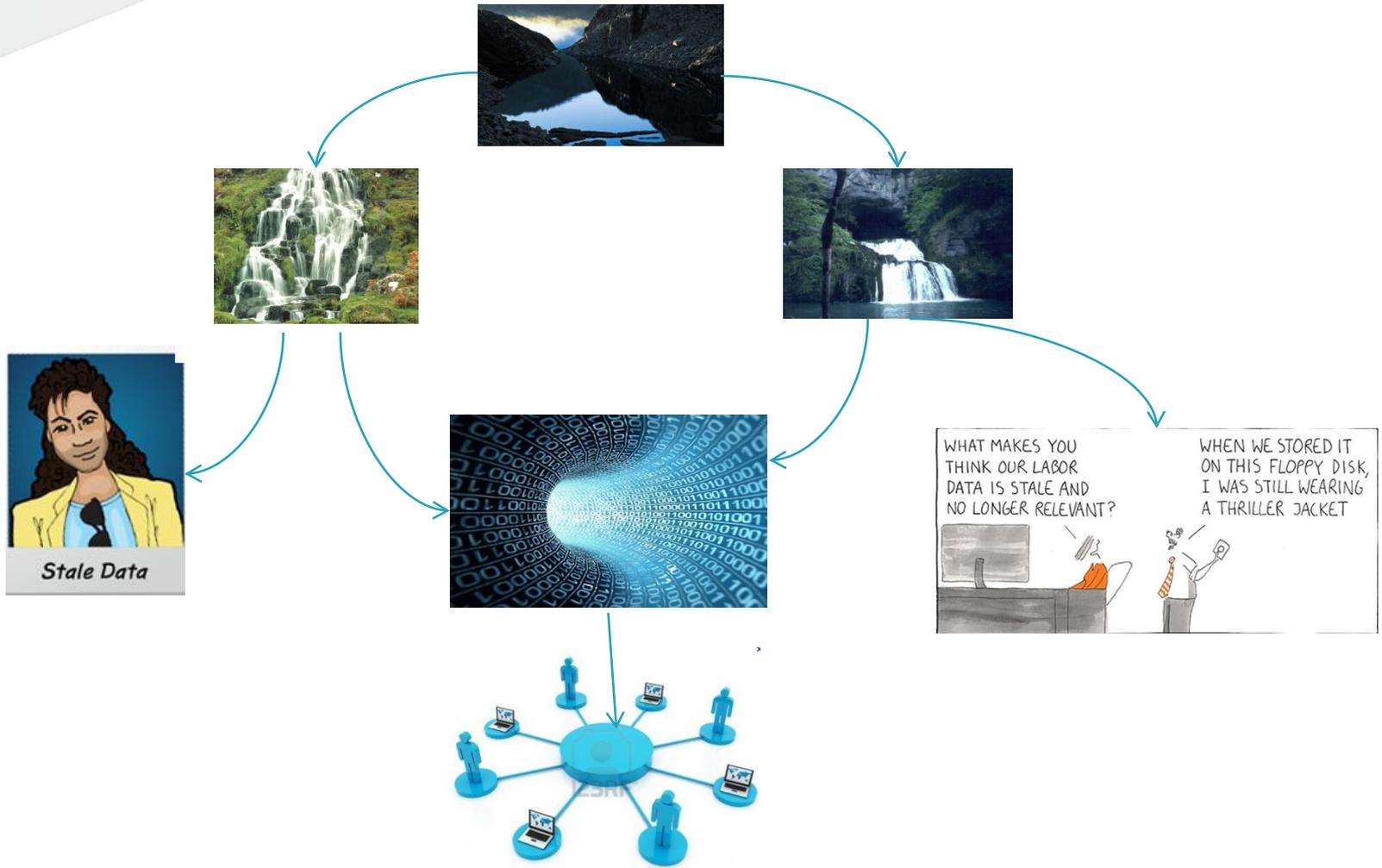
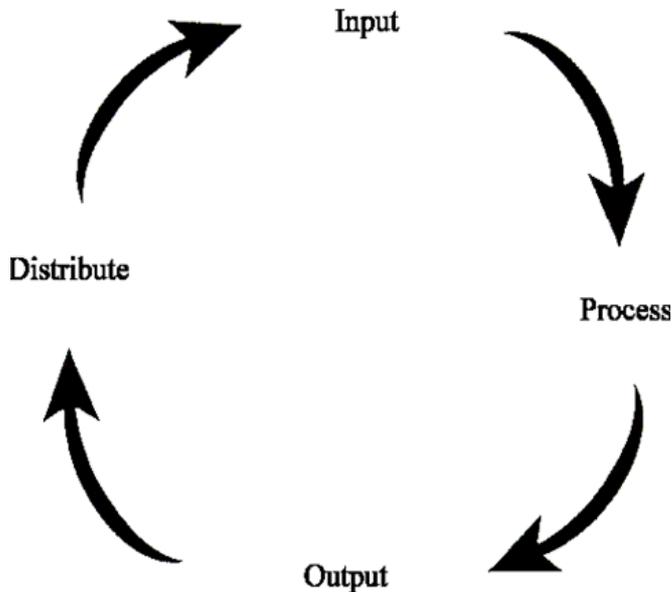


Lifecycle of savings



Overview





- Accessing Sources
 - ✓ ETLs, CCMs against EcoSystem
 - ✓ Platform agnostic
- Determining Freshness
 - ✓ Keep history of found
 - ✓ Ignore repeats
- Apply business rules
 - ✓ Create files
 - ✓ Create communications

Access Methods based on subject

- Time based

- ✓ Good for majority of cases
- ✓ History allows for data to “self heal”



- Content based

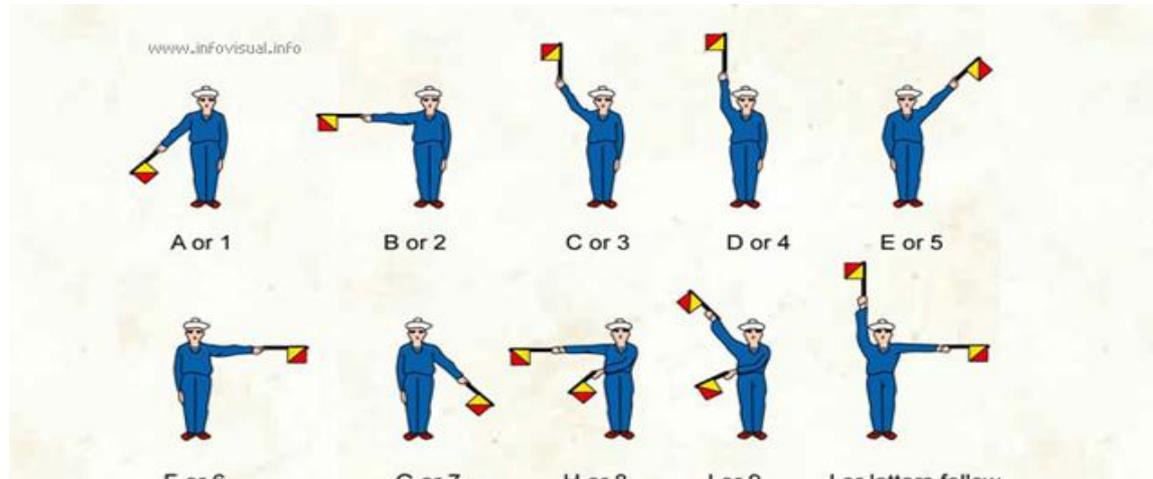
- ✓ Keep signals on data indicators
 - # records, totals, latest timestamps, etc.
 - Approaches closest to real time



Semaphores at work



- Components talk to each other
 - ✓ Allow different jobs to know results of predecessors
 - ✓ Give controlling jobs info for decision making
 - ✓ Serve as audit trail for current execution



Who's in the know

- Findings
 - ✓ Get logged
 - ✓ Individual
 - ✓ Manager

- Feeds for visualizations
 - ✓ Include actionable data
 - ✓ Enable immediate action



Things to Think about

- Controlling server availability
 - ✓ Missing time based CCMs
 - ✓ Separate server tests for Controlling semaphores
 - Controlling server clears semaphore

- Complacency
 - ✓ Its human nature to grow accustomed



Summary

- CCM at Verizon allows us to do more with less
- Extraordinarily cost effective
- Provides proof of testing
- Integrated into Corporate eco system
- Frees dev resources for other tasks

- Questions?