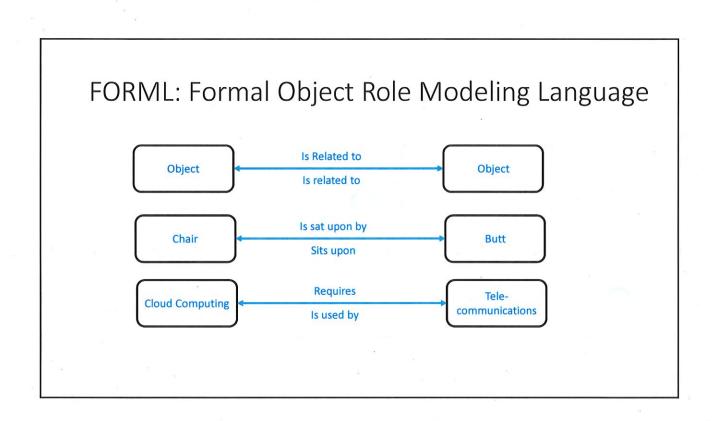
Creating Data Management Diagrams

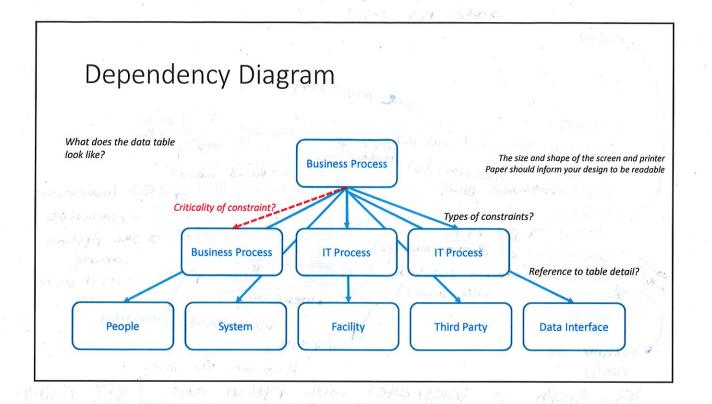
VCU Capstone Project Guidance

Create a visual grammar to convey your point Data Source Data Movement Encrypted Data Source Encrypted Data Movement Data Movement For Data Movement Container with Data linage Data Movement To Container with Data Reference To Container with Data Reference



Strategy maps: corporate

- features



A Taxonomy is an effective way of organizing data to provide the appropriate viewpoint

Customers Consumers

Features

Products

Capabilities

Processes

3

Processes

Technology

People Abilities

Software

Experience

Hardware

Skills

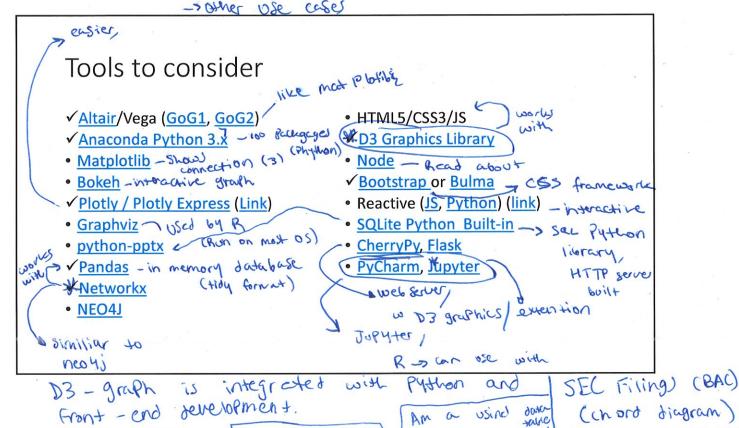
Cloud

togran - ideology for System thinking ideology

* Pie charts

Starford execution fromework high-weren corporate tener compliances security Exec

harvey. Summers @ bota.com



Tools: Timeline

Tips to consider

HTML - JS

- ✓ Keep your data TIDY
 Format is tabular or json
 - Denormalized
- Tidy data can drive most graphics tools
- Use Python 3.x with <u>Multiprocessing</u> for speed working with data (<u>link</u>)
- Python
- Async/await
- Yield not return

Dash can be used for very large files

Charge Stackoverflow is your friend

Useful references (link, link2, link3)

 The presentation layer should be on the browser (JavaScript/HTML5/CSS3) or client (Graphviz)

it refui

- The backend can be Python or there can be no backend (csv-parse)
- ✓ KEEP IT SIMPLE
 - Fewest layer, tools, etc.

how is

- Do one thing really well, then the next... don't do a dozen things badly
- · Don't let purity prevent delivery
- "import this" & "import antigravity"

(ofca = stream | real time display

D3-Nemon

(relationshi

influence

Wears too complicated, think about the problem work backwards, what the data tooks

D3 graphics library

Table/8500

betwark X

4