## Goals for Data Governance:

* Best Practice Principles
  + What does govex think is ideal data governance
    - (real) Authority
    - Metrics/Accountability
    - Safe Workflows?
    - ?
* Plug n Play Template
* Workflow Diagram Template(s)
* Harmonize w Policy Work (do a gaps analysis w Sunlight Policy Guidelines; do we have a mirror image for everything that is logical? What else is there?)

## Feb 2017 Sketch of Potential Municipal Model:

Data Governance Committee Charter

* Membership:
  + Convened by CDO or CDO equivalent
  + Membership should have sufficient authority to set internal city policy across departments on data-relevant issues (either directly or can be delegated to them)
* Mandates:
  + Creating, assigning membership, and providing resources to subcommittees for specific areas of data management, including data-relevant city procurements
  + Reviewing and enacting proposed policies from subcommittees
  + Prioritizing areas of data management policy development, based both on internal priorities and signals of need coming from internal and external sources
  + Serving as or overseeing an accountability mechanism for the effectiveness of city data management policies and practices
* Meeting:
  + Sets a predetermined minimum meeting schedule

## GovEx templates:

Current guide:

* https://centerforgov.gitbooks.io/open-data-getting-started/content/governance-committee.html

Rebecca working template from greensboro:

* <https://docs.google.com/document/d/1a8m7cEalsdKSrW5Rk0MLfypu0Jo7rdyG0BsLgSRr2VQ/edit> (fwiw Nashville wants a manual for publishing but a strategic plan for larger goal setting and metrics - so breaking this into 2 separate documents
* )

Process guide to create a data governance doc:

* https://docs.google.com/document/d/1Zj6\_C5yBG1QwV4li0LS3v0ewSk\_OWG360ks17jRRsQ8/edit

Examples of data governance from our cities (greensboro is prob best?):

* https://drive.google.com/drive/folders/0B7EethHHoeRVM2Zham1WMTZtbUE
* https://drive.google.com/drive/folders/0B9UCSVqb9rD3bUk1ODJTVzNKQkU
* https://drive.google.com/drive/foslders/0B9UCSVqb9rD3S1VmQy1Oc2x1aG

## Other examples/research:

OMB draft hackpad notes: <https://hackpad.com/Data-Governance-Guidance-m9PIF80TTDF>

CDO Research:

* <https://www.forrester.com/report/Top+Performers+Appoint+Chief+Data+Officers/-/E-RES123064>
* <http://www.eweek.com/cloud/why-federal-government-is-still-behind-the-cloud-curve-2.html>
* <http://www.nascio.org/EA/ArtMID/572/ArticleID/198/Data-Governance-Managing-Information-As-An-Enterprise-Asset-Part-I-An-Introduction>
* <http://www.nascio.org/Publications/ArtMID/485/ArticleID/190/Data-Governance-Part-II-Maturity-Models-%E2%80%93-A-Path-to-Progress>
* Gartner

Federal Data Cabinet (no authority - questionable efficacy; talk to Dan Morgan): <https://www.ntis.gov/TheDataCabinet/index.html>

## Policies Covering Specific Aspects of Data Management:

**Data governance committees:**

* GAASC Data Policy Framework: <http://www.gis.sc.gov/documents/data_policy_framework.pdf>
* “Data Governance Charter” in FHWA Data Governance Plan: <https://www.fhwa.dot.gov/datagov/dgpvolume%201.pdf>

**Data integrity/quality:**

* Internal Audit of the CIDA Data Integrity Control Framework: <http://www.acdi.gc.ca/INET/IMAGES.NSF/vLUImages/Internal%20Audits/$file/Data%20Integrity%20Control%20Framework.pdf>
* FDA Data Quality Guidelines for Industry: <http://www.fda.gov/downloads/drugs/guidancecomplianceregulatoryinformation/guidances/ucm495891.pdf>
* “Good practices for data management and integrity in regulated GMP/GDP environments” from the Pharmaceutical Inspection Cooperation Scheme: <https://drive.google.com/file/d/0B0GMdnfqXWr7UXA3anZ2d3NjcUk/view?usp=sharing>

**Data integration:**

* Informational Guide for State,Tribal, and Local Safety Data Integration: <https://safety.fhwa.dot.gov/rsdp/downloads/fhwasa16118.pdf>

**Privacy policies:**

* Oakland Privacy Commission Ordinance: [https://oakland.legistar.com/LegislationDetail.aspx?ID=2503814&GUID=DD0D90E4-1084-44D0-8E74-D7FA2530724D&Options=ID|Text|&Search=13349](https://oakland.legistar.com/LegislationDetail.aspx?ID=2503814&GUID=DD0D90E4-1084-44D0-8E74-D7FA2530724D&Options=ID%7CText%7C&Search=13349)
* Oakland FLIR Policy: <https://oakdac.files.wordpress.com/2015/09/flir-agenda-report-policy-and-resolution.pdf>
* Oakland Surveillance Technology Policy: <http://www2.oaklandnet.com/oakca1/groups/cityadministrator/documents/report/oak061975.pdf>
* Santa Clara Surveillance Technology Ordinance: <https://15ycf92lfvue3pm0as2w6tec-wpengine.netdna-ssl.com/wp-content/uploads/2016/06/Surveillance-Technology-Ordinance.pdf>

**Data retention policies:**

* Oakland DAC Data Retention Policy: <http://www2.oaklandnet.com/oakca1/groups/cityadministrator/documents/report/oak051847.pdf>

**Publicly-Available-Audit of Data Management policies:**

* Oakland DAC Data Retention Policy: <http://www2.oaklandnet.com/oakca1/groups/cityadministrator/documents/report/oak051847.pdf>

**Commercial data governance models:**

* “Inside: Establishing a Data Governance Committee as part of 2014 strategic priorities”: <http://www.insidecounsel.com/2014/01/27/inside-establishing-a-data-governance-committee-as>
* KMPG “Data Impacts on Asset Management”: <https://www.efama.org/Publications/Public/Solvency%20II/EFAMA%20KPMG%20Solvency%20II.pdf>