# Data Governance

How to build a Data Lake the correct way:

https://www.sailpoint.com/identity-library/how-to-build-a-data-governance-policy/

The overall components of the data governance policy

* Policy Purpose
  + The statement of purpose describes the reason the policy exists and how it supports the organization’s mission or business objectives.
* Policy Scope
  + The scope explains who is affected by the data governance policy.
* Policy Rules
  + This is the main section that outlines the rules guiding data usage, and access.
* Stakeholder roles and responsibilities
  + Stakeholders range from the data governance body (such as a governance board or committee) and data owners, to data stewards and data users.
* Data Definitions
  + Data
  + Access
  + Data user
  + Custodian
  + Metadata
* Review Process
  + Included in a policy by some organizations, this section describes how the data governance policy is established, reviewed, and updated.
* Resources
  + Any related documents, policies, or regulations are referenced in this section.
    - An Explanation of the risks related to data
    - Applicable regulations
    - Violations
    - Guiding principles

# Common rules to consider:

* Data Access and availability
* Data usage
* Data Quality and Integration
* Data Security

# 13 Steps to create a Data governance plan

1. Access your current data-related challenges and constraints and the state of existing data governance activities
2. Understand the business prerequisites and challenges that are driving the need for a policy
3. Establish the business case for a policy and make sure you have buy-in from top leadership
4. Assemble your data governance team and define their respon sibilities. Not all the stakeholders will be actively involved in building the policy; however, all should be empowered to provide input and play a role in the process.
5. Identify the key stakeholders and decision-makers across different business units and functions.
6. Collect the stakeholders’ input, including data challenges, expectations for the policy, and their needs. This can be achieved through a combination of formal and informal activities.
7. Understand the impacts of the data governance policy on the different stakeholders’ categories. This will help you with tactical execution, including how to motivate stakeholders’ participation in adopting and complying with the policy.
8. Keep the shared vision in mind when you create your initial draft. Get feedback from stakeholders and decision makers and iterate.
9. Define the metrics you can use to measure implementation success and policy performance. Plan for both short-term and long-term measurements and assign specific roles or individuals to this task.
10. Create an organization-wide rollout plan. This should include a communication plan, as well as resources for training and education as necessary.
11. Discuss potential technology needs, and what existing IT tools you can repurpose for supporting and enforcing the new data governance policy.
12. Measure results and share quick wins with the stakeholders. This reinforces the importance of the policy and promotes continuous buy-in.
13. Review the policy regularly to keep it relevant, current and effective.