

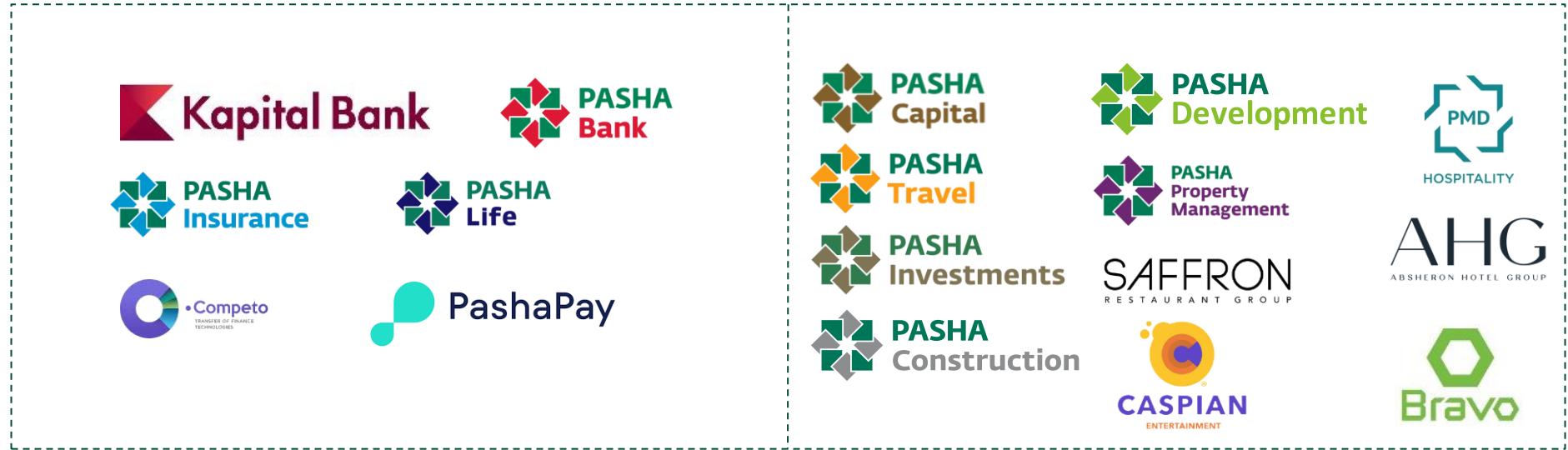


Data Governance: Enabler of Data Driven Organization

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About Me and PASHA Holding



I am a doctor who transitioned from healthcare into change leadership. I have led transformation programs in various areas, including data management, IT transformation, and business process management. At PASHA Holding, I help effectively use data as a strategic asset, extract maximum benefit, and become insight-driven.

Data Program Overview

A Data Strategy

Defined as "**becoming Insight Driven Organization**" – embedding data analytics into organization's decision-making processes to drive greater business impact.



C Data Governance

- **Data Governance is all about proactively managing your data to support your business achieve its strategy and vision.**

Data Governance helps solve most of the issues...

Covered by Data Governance critical elements



Data Structures



Processes and Policies



People

Data issue



Data is hard to find & interpret

- 1 No clarity on the systems where data are stored
- 2 No clarity from which system to take the data
- 3 No clarity what data exactly means (business meaning)



Data is low quality

- 4 Duplicate data with different values (no single source of truth)
- 5 Data is incomplete (empty fields)
- 6 Data is inaccurate / unreliable (critical data has evident errors)
- 7 Data doesn't "digitally" exist (in people's heads / on paper)



Access to Data is not clear and manageable



- 8 Unauthorized access to sensitive data
- 9 Long processes to data access

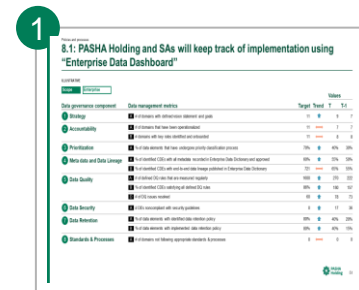
Data lineage	Data lineage	Data Governance Roles
❍ Data Dictionary	Data cataloging	
❍ Business glossary	Data Model	
❍ Data Quality	Domain Driven Architecture	
❍ Data Quality	Data Quality	
❍ Data Quality	Data Quality	
❍ Data Dictionary	Logging	
Data Security	Security classification	
❍ Self - Service	Data Sharing	

Data Governance Checklist to track implementation progress





Set-up phase	1	Set the strategy <ul style="list-style-type: none"> • Define data governance mission and vision of the SA • Identify use cases leveraging SA and cross-SA data • Define a prioritized use case roadmap 	<input type="checkbox"/>
	2	Select an organization archetype and build the data governance team <ul style="list-style-type: none"> • Understand the potential organization archetypes • Define SA level requirements to consider while selecting an archetype and select most appropriate archetype • Build Central Data Governance team • Define required committees and assign members • Mobilize committees 	<input type="checkbox"/>
	3	Create a domain map <ul style="list-style-type: none"> • Create a list of SAs data assets • Group data into logical clusters (data domains) to represent a subject area • Review and update the domain map with stakeholders • Prioritize data domains based on prioritized use cases 	<input type="checkbox"/>
	4	Integrate the data governance tool <ul style="list-style-type: none"> • Conduct technology assessment and prepare list of sources to connect to DG tool • Define role model and access matrix • Define CDE's for implementation scope considering use case prioritization matrix • Implement DG tool 	<input type="checkbox"/>
Scale-up phase	5	Operationalize the domains <ul style="list-style-type: none"> • Establish domain working groups • Prioritize data elements within data prioritization matrix • Enrich Business glossary with business objects • For all critical data elements define: <ul style="list-style-type: none"> – Metadata and data lineage – Data quality rules and use them to diagnose and remediate the current quality – Data security and retention policies 	<input type="checkbox"/>
Steady state	6	Track progress & maintain the domains <ul style="list-style-type: none"> • Create and monitor Enterprise Data Dashboard and Domain Progression Dashboards for proactive data governance 	<input type="checkbox"/>

Dashboards are effective tools to manage data governance




 Audience  Purpose  Frequency

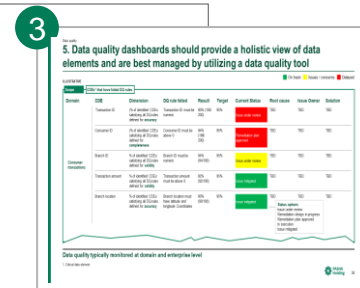


Enterprise Data dashboard




-  PH CDO organization
-  EVPs and Senior Executives
-  Monitoring and overall direction
-  Every Steering Committee

Domain progression dashboard (one per domain)

-  Data Owners and Stewards
-  Progress review, bottleneck resolution, capacity management
-  At least biweekly



Data Quality dashboard

-  Data Owners and Stewards
-  Progress review, bottleneck resolution, capacity management
-  At least biweekly

Insight Driven Organization



Data



Insight



Value

Data Governance ensures **high-quality, timely insights**, making it a **key enabler** of our strategy to become an Insight-Driven Organization and achieve greater **business impact**.

ONCE DOES NOT SIMPLY TRUST INSIGHTS

WITHOUT PROPER DATA GOVERNANCE