

# 1 GUIDELINES FOR NAMING CONVENTIONS DATATHON

## 1.1 Database(bucket) Naming Conventions

The following naming conventions should be used in the Data Lakehouse environment. The following elements are used when a new table needs to be created.

Example

(1) - (2) - (3)

1: Country

2: layer

3: environment

### 1.1.1 Country

Country codes will be used according to the ISO-3166-1.

Country Name	Country Code
Guatemala	gt
El Salvador	sv
Honduras	hn
Nicaragua	ni
Costa Rica	cr
Panama	pa
Colombia	co
Bolivia	bo
Paraguay	py

### 1.1.2 Layer

Layer refers to the layer or zone within the Data Lakehouse where the table resides.

Layer Name	Layer Code
Raw	raw
Standardized	std

### 1.1.3 environment

- dev
- prd
- test

## 1.2 Folder Naming Conventions

Example

(1) - (2) - (3)

1: source system

2: security level

3: table name

### 1.2.1 Source System

Source System is the reference to system from which the data comes from

- Batch
- streaming

### 1.2.2 Security Level

Security level helps on determining the level of security access that should be granted to access data stored in a specific table, as well as to control what columns are/are not displayed in case of not having a proper level of permissions.

Security Level Code	Security Level Description
std	Standard
pii	Personal Identifiable Information

### 1.2.3 Table Name

Table names are up to the individual creating the table,

## 1.3 Inside folder (partition) Naming Conventions

Example

Partition-####

## 1.4 Table (files) Naming Conventions

Example partition

(1) - (2). (3). (4)

1: partition %YYYY%mm%DD

2: table name

3: type of compression

4: extension format fil

Example file

(1). (2). (3)

1: table name

2: type of compression

3: extension format file

## **1.5 Glue job Naming Conventions**

glue\_{1}\_{2}\_{3}\_{4}

1: country

2: source

3: etl type

4: table name

## **1.6 Kinesis data stream Naming Conventions**

kinesis\_data\_stream\_{1}\_{2}\_{3}

1: country

2: processname

3: domain

## **1.7 kinesis firehouse Naming Conventions**

kinesis\_firehouse\_{1}\_{2}\_{3}

1: country

2: processname

3: domain

## **1.8 Sagemaker notebook Naming Conventions**

sagemaker\_notebook\_{1}\_{2}\_{3}.ipynb

1: country

2: processname

3: domain