# Guidelines FOR NAMING CONVENTIONS DATATHON

## 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: enviroment

### 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 |
| Millicom Head Quarters | hq |

### Layer

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

|  |  |
| --- | --- |
| Layer Name | Layer Code |
| Raw | raw |
| Standarized | std |

### environment

* dev
* prd
* test

## Folder Naming Conventions

Example

(1) - (2) - (3)

1: source system

2: security level

3: table name

### Source System

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

* Batch
* streaming

### 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 |

### Table Name

Table names are up to the individual creating the table,

## Inside folder (partition) Naming Conventions

Example

Partition-####

## 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

## Glue job Naming Conventions

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

1: country

2: source

3: etl type

4: table name

## Kinesis data stream Naming Conventions

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

1: country

2: processname

3: domain

## kinesis firehouse Naming Conventions

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

1: country

2: processname

3: domain

## Sagemaker notebook Naming Conventions

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

1: country

2: processname

3: domain