Naming Convention

# General Principle

* **Naming Convention :** snake\_case with lower case letters and underscore separator (\_)
* **Langage** : English for all namings
* **Reserved words** : Avoid using SQL reserved words

# Table Naming convention

## Bronze rules

* All tables must begin with the source system followed by the unchanged csv file name
* **<source\_system>\_<entity>**
  + <source\_system> : the name of the source system (e.g. crm or erp)
  + <entity> : the name of the csv file without the extension (e.g. cust\_info)
  + Tabe name example crm\_cust\_info 🡪 customer information from crm system

## Silver rules

* All tables must begin with the source system, and the table names must match the original table name
* <source\_system>\_<entity>
  + <source\_system> : the name of the source system (e.g. crm or erp)
  + <entity> same name table as the original source system (e.g. cust\_info)
  + Tabe name example crm\_cust\_info 🡪 customer information from crm system

## Gold rules

* All namings must be meaningfull and business-aligned, starting with the category prefix
* <category>\_<entity>
  + <category> : describe the rôle of the table (e.g. dim (dimension table) or fact (fact table))
  + <entity> : Descriptive name of the table aligned with business domain (e.g. product, costumer, sales)
  + Example : dim\_costumer or fact\_sales

## Glossary of table categories

|  |  |  |
| --- | --- | --- |
| Category | Meaning | Example |
| dim\_ | Dimension table | dim\_customer, dim\_product |
| fact\_ | Fact table | fact\_sales |
| agg\_ | Aggregated table | agg\_sales\_monthly |

# Columns Naming Convention

## Surrogate key

* Use the \_key suffix for surrogate keys in dimension tables
* <table>\_key
  + <table> : name of the dimension table
  + Example : customer\_key 🡪 name of the surrogate key in the dim\_customer table

## Metadata columns

* All metadata column must start with the prefix \_dwh
* dwh\_<column\_name>
* Example : dwh\_load\_date

## Stored procedure

* Add prefix load\_ for each layer
* Load\_<layer> : <layer> for bronze, silver and gold
* Example : load\_bronze and load\_silver