

master + traNsactional data tables

主数据 + 交易型数据表格

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## INPUT data definition for SALES reports 销售报表输入数据定义

This document describes the necessary tables that will contain the input data used in the sales + category management reports in the Applican BI system. All the tables will be contained in the BBG\_STG\_INPUT database (STG means “staging”).

此份文档涵盖了所需要的相关表格，表格内容纳了Applica BI系统内销售和品类管理报表的输入数据。所有的表格将纳入至BBG\_STG\_INPUT数据库（STG表示“筹划”）。

BBG will be responsible for the creation of the database BBG\_STG\_INPUT and the definition of the tables described in this document. The database will be located inside BBG IT infrastructure. BBG should provide access to this database to the Applican team in order to extract from BBG\_STG\_INPUT the necessary data for the Applican BI system.

步步高将负责创建BBG\_STG\_INPUT数据库以及此份文档内所描述表格的定义。该数据库将储存于步步高的IT架构内。步步高需要为Applica团队提供访问此数据库的权限以方便提取BBG\_STG\_INPUT数据库内的相关数据来搭建Applica BI系统。

BBG will be responsible for insert/update all the historical data stored in BBG\_STG\_INPUT and ensure that the input data is correct. BBG can implement the most convenient method for them to insert/update the data in BBG\_STG\_INPUT. The BBG\_STG\_INPUT database only will contain the data that BBG wants to see in the Applican BI reports. The Applican BI system will use the BBG\_STG\_INPUT as a unique source of data.

步步高将负责插入/更新所有储存在BBG\_STG\_INPUT数据库内的历史数据并确保输入数据的准确性。步步高可以利用自己最便捷的方式插入/更新BBG\_STG\_INPUT数据库内的数据。BBG\_STG\_INPUT数据库仅储存步步高需要在Applica BI报表内所查看的数据。Applica BI系统将应用BBG\_STG\_INPUT数据库作为唯一的数据源。

Master data is information that is key to the operation of a business that may include data about stores, departments, products, suppliers and the like. In the present document we had specified some master data formats that we can consider as standard within the retail sector, but in order to identify possible peculiarities or new types of master data existent in BBG, we will need to ask to provide master data samples coming from all the existent information systems. BBG will need to define Ids for all the master data entities (store, department, city etc) in order to make valid those IDs across different functional areas.

主数据是企业运营的关键信息，可能包含门店、部门、商品、供应商等的数据。在此份文档内，我们归纳总结了一些我们认为在零售业方面的标准主数据格式；但是为了确认在步步高内所存在的可能的特性或新型主数据，我们将要求提供来自所有步步高内已有信息系统的主数据样版。步步高将需要明确所有主数据实体（门店、部门、城市等）的ID以确保让这些ID能够在不同的功能区域内进行有效运作。

## BBG\_STG\_INPUT database tables definition BBG\_STG\_INPUT数据库表格定义

## Tables for Master Data 主数据表格

BBG will be responsible for the maintenance of the master data in these tables. These tables will contain all the master data that BBG wants to see in the Applican BI system.

步步高将负责这些表格内的主数据的维护工作。这些表格将包含所有步步高需要在Applica BI系统内所查看到的信息的主数据。

Master data can't be duplicated and only the last and valid version of each entity is stored.

主数据不能够被复制，只能够储存每项实体的最后（新）的有效版本。

## Master\_PRODUCT 主数据\_商品 (增加字段)

The product dimension will contain all the information regarding the hierarchy.

Division>Department>family group>family>sub family>product item for example:

1. Grocery>Northern, southern food/snacks> biscuits> sweet biscuits> natural flavor> Brand or SKU product itself
2. Fresh>Meat> beef> local beef> small cuts> minced meat
3. Fresh>Fruits/Vegetable> fruit> apple> local apple (vs imported)> Fuji etc
4. Bazaar>Household> glassware> goblet> plastic> brand or SKU
5. Textile>Men's clothes>underwear>briefs>open front>SKU or brand

商品维度将包含所有该架构的信息。

处别>部门>大类>中类>小类>单品，例如:

1. 杂货>南北杂货及休闲食品> 饼干> 甜饼干> 天然风味> 品牌或单品
2. 生鲜>肉/加工品 > 牛肉> 本地牛肉> 小片牛肉> 肉末/肉泥
3. 生鲜>蔬菜/水果> 水果> 苹果> 本地苹果 (vs 进口苹果)> 红富士等
4. 非食品> 家用百货> 玻璃器皿> 高脚杯> 塑料> 品牌或单品
5. 软百>男式服饰 >内衣>三角裤>前开口>品牌或单品

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| outlet\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| product\_SKU\_id  商品\_SKU\_id | Alphanumeric id  字母数字id | This is a unique identifier of the product internally generated. This identifier must be related with the merchandise systems if different from product\_UPC\_id. If in BBG this is the same code as the product\_UPC\_id then that is the code entered here  这是一个由企业内部生成的商品的唯一标识符。这个标识符如果与商品UPC编码不同的话，就必须与采购系统进行关联。如果在步步高内部SKU编码与UPC编码是同一个编码，那么就是将这个编码输入至此。 |
| product\_UPC\_id  商品\_UPC\_id | Alphanumeric id  字母数字id | This barcode identifier is used as the unique identifier of the product. This identifier must be related with the POS systems.  此条码标识符用于作为商品的唯一标识符。此标识符必须和POS系统进行关联。 |
| Start\_date 开始\_日期 | Date  日期 | This is when a product is first sold in BBG or put on the shelves  此为商品在步步高卖出的第一件或摆上货架的时候 |
| End\_date 结束\_日期 | Date  日期 | This is when a product is deleted from the shelves,ie a customer can no longer buy it  此为商品从货架上移除的时候，如客户无法再买到该商品 |
| Product\_name\_ch  名称\_中文 | Text  文本 |  |
| Sub family\_id  小类\_id | Alphanumeric id  字母数字id |  |
| Family\_id 中类\_id | Alphanumeric id  字母数字id |  |
| Family\_group\_id 大类\_id | Alphanumeric id  字母数字id |  |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id | This supplier could have one product or a generic product that has many suppliers, in which case it will have a generic supplier \_ID  供应商可能是一对一的供应商，也可能是一对多的供应商，如果是一对多的情况，那么创建一个通用名的供应商id.(默认为取主供应商编码) defaulted to pick primary supplier code |
| Assortment\_type\_id  商品分类\_类型\_id | Alphanumeric id  字母数字id | 默认为NULL defaulted to be NULL |
| Return\_type\_ID 退货\_类型\_id | Alphanumeric id  字母数字id | According to the supplier contract there are 2 return IDs,  1= can be returned 2= can not be returned  根据供应商合同，有以下两种ID：  1=可退货的 2=不可退货的 |

We can add other attributes later such as package size or storage type (normal, cool chain...) etc.

我们可以在稍后添加另外的特性，例如包装尺寸或者储藏类型（普通、冷链……）等。

## Master\_Family group 主数据\_大\_类(need add other columns)

The product dimension will contain all the information within the following hierarchy.

Division>Department>family group>family>sub family>product item for example:

商品维度将包含所有该架构的信息。

处别>部门>大类>中类>小类>单品

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Family group\_id  大类\_id | Alphanumeric id  字母数字id |  |
| Family group name\_en  名称\_英文 | Text  文本 |  |
| Family group name\_ch  名称\_中文 | Text  文本 |  |

## Master\_Family 主数据\_中类

The product dimension will contain all the information within the following hierarchy.

Division>Department>family group>family>sub family>product item for example:

商品维度将包含所有该架构的信息。

处别>部门>大类>中类>小类>单品

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Family\_id  中类\_id | Alphanumeric id  字母数字id |  |
| Family name\_en  名称\_英文 | Text  文本 |  |
| Family name\_ch  名称\_中文 | Text  文本 |  |
| **Family\_Group\_ID**  **大类\_id** | **Alphanumeric id**  **字母数字id** | **中类的上游是大类，此表中本字段应该是指大类编码 the above level of family is family group,so this field should be talking about family group id** |

## Master\_sub\_Family 主数据\_小\_类

The product dimension will contain all the information within the following hierarchy.

Division>Department>family group>family>sub family>product item for example:

商品维度将包含所有该架构的信息。

处别>部门>大类>中类>小类>单品

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Sub family\_id  小类\_id | Alphanumeric id  字母数字id |  |
| Sub Family name\_en  名称\_英文 | Text  文本 |  |
| Sub Family name\_ch  名称\_中文 | Text  文本 |  |
| **Family\_ID**  **中类\_ID** | **Alphanumeric id** |  |
| **Family\_Group\_ID**  **大类\_ID** | **Alphanumeric id** |  |

## Master\_supplier主数据\_供应商

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id |  |
| Generic\_supplier\_id 通用\_供应商\_id | Alphanumeric id  字母数字id | 默认为NULL defaulted to be NULL |
| name\_en  名称\_英文 | Text  文本 |  |
| name\_ch  名称\_中文 | Text  文本 |  |

## Master\_Generic\_supplier 主数据\_通用\_供应商

Here a supplier\_id is created where many suppliers sell one product into the retailers across many stores or provinces.  
当有多位供应商向该零售商在各个省或者门店供应相同的一种商品时所准备的供应商id

不需要此份表格 保留此表格，填写NULL在字段内  
this table is not needed here in BBG’s case,but keep it, use “Null” to fill the column

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Generic\_supplier\_id  供应商\_id | Alphanumeric id  字母数字id | This is a supplier which has many suppliers for a single product 此为供同一种商品的多个供应商的共用id |
| name\_en  名称\_英文 | Text  文本 |  |
| name\_ch  名称\_中文 | Text  文本 |  |

## Master\_promotion 主数据\_促销

The promotion dimension describes the promotion conditions under which a product was sold. Kind of promotions include temporary price reductions or coupons. Basically this master data describes what can cause a change in the price of a product.

促销维度描述了商品是在何种促销情况下卖出的。促销种类包含了临时降价和优惠劵。此主数据描述了可以影响商品价格的原因。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| promotion\_id  促销\_id | Alphanumeric id  字母数字id | This identifier must be related with the POS system.  此标识符必须与POS系统进行关联 （促销ID号） |
| name\_en  名称\_英文 | Text  文本 |  |
| name\_ch  名称\_中文 | Text  文本 |  |
| promotion\_type\_id  促销\_类型\_id | Alphanumeric id  字母数字id | Identifier for the different types of promotions must relate to master\_promotion\_type table.  不同促销形式的标识符，必须与主数据促销类型表格进行关联（促销类型ID） |
| begin\_date  开始\_日期 | Date  日期 |  |
| end\_date  结束\_日期 | Date  日期 |  |

## Master\_promotion\_TYPE 主数据\_促销\_类型

The promotion type dimension describes the type of promotions being used to promote product sales. Basically this master data describes what can cause a change in the price of a product.

促销维度描述了商品是在何种促销情况下卖出的。此主数据描述了可以影响商品价格的原因。

建议：此表中增加促销类型明细id,每一个促销类型明细ID会属于一个唯一的促销类型ID。促销类型分为DM、大宗、折价、促销四种。而促销明细类型会有将近33种。  
suggesting to add promotion detail id,every promotion detail id will only match to 1 promotion type id.promotion type should be having DM + institutional sales + markdown + promotion.and there will be 33 promotion details

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| promotion\_type\_id  促销\_类型\_id | Alphanumeric id  字母数字id | Identifier for the different types of promotions. There are 3 promotional types:  DM (001) = normal promotion sales, these products will be selling/stocking of saleable product  SP (002) = store or area specific promotions eg one store or one city with many stores etc  CL (004) = clearance sales, these products will be delisted.  不同促销类型的标识符（临时降价或优惠劵）促销有三种形式：  DM = (001) 正常促销销售，促销的商品（还能够销售出去的商品）在日后还会继续产生销售和库存  SP= (002) 门店内或者区域内某些特定的促销，如某一个门店或者某一个城市内多家门店的促销  CL = (004) 清仓，由于商品（还能够销售出去的商品）周转率或品质等各种原因产生的促销，但是在促销完之后该商品不会再有进货  DM  Institutional sales  Markdown  Promotion – what does BBG have for promotion |
| promotion\_type\_name\_en  名称\_英文 | Text  文本 |  |
| Promotion\_type\_name\_ch  名称\_中文 | Text  文本 |  |

## Master\_promotion\_type\_detail 主数据\_促销\_明细(增加字段)

The promotion detail dimension is about mapping to all the different kinds of promotion details to the promotion types

促销明细维度在于将促销明细与促销类型进行一一对应

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Promotion\_type\_id  促销\_类型\_id | Alphanumeric id  字母数字id | Identifier for the different types of promotions. There are 3 promotional types:  DM (001) = normal promotion sales, these products will be selling/stocking of saleable product  SP (002) = store or area specific promotions eg one store or one city with many stores etc  CL (004) = clearance sales, these products will be delisted.  不同促销类型的标识符（临时降价或优惠劵）促销有三种形式：  DM = (001) 正常促销销售，促销的商品（还能够销售出去的商品）在日后还会继续产生销售和库存  SP= (002) 门店内或者区域内某些特定的促销，如某一个门店或者某一个城市内多家门店的促销  CL = (004) 清仓，由于商品（还能够销售出去的商品）周转率或品质等各种原因产生的促销，但是在促销完之后该商品不会再有进货  DM  Institutional sales  Markdown  Promotion |
| Promotion\_type\_detail\_id  促销\_类型\_明细\_id | Alphanumeric id  字母数字id | Here is the place where detailed promotion id are input(32 promotions)  促销明细类型ID |
| Promotion\_type\_detail\_name\_en  促销\_类型\_明细\_名称\_英文 | Text  文本 |  |
| Promotion\_type\_detail\_name\_ch  促销\_类型\_明细\_名称\_中文 | Text  文本 |  |

## Master\_promotion\_Page\_TYPE 主数据\_促销\_版面\_类型

The promotion page type dimension describes the pages that products are placed in a promotional catalogue. Basically this master data will help determine the effectiveness of positioning product on certain pages.

此促销版面类型维度描述了商品所在促销商品目录的位置。此主数据将协助决定商品所上版面的有效性。

系统中无此数据，以NULL代替。  
no data in BBG’s current system,will be NULL

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Promotion\_page\_type\_id  促销\_版面\_类型\_id | Alphanumeric id  字母数字id | Identifier for the different types of promotions pages; ie where products are placed on a DM for example. There are 4 promotional page types:  2 = front page item (10 SKUs on front page of DM)  4 = key item (20 key SKUs on DM)  6 = new product page  8 = supplier page  All other product not on promotion  0 = regular item (not on promotion) (this mean the 70 SKUs are on the DM but not on promotion)  1 = regular regular product  不同促销版面类型的标识符；如某个商品安排在DM上的某个位置。有以下四种促销版面类型： 2=封面商品 （DM上的封面商品 10个）  4=重点商品 （DM上的重点商品 20个）  6=新品版面  8=供应商版面  0= 普通商品 （DM上的普通商品 70个 不在促销范围内的）  1=普通商品（不在促销范围之内）（目前系统中无此标识符） |
| Promotion\_page\_type\_name\_en  促销\_版面\_类型\_名称\_英文 | Text  文本 |  |
| Promotion\_page\_type\_name\_ch  促销\_版面\_类型\_名称\_中文 | Text  文本 |  |

## Master\_ASSOrtment\_status\_TYPE

The assortment type dimension describes where the product fits within the assortment.

商品分类类型维度描述了商品所处在商品分类中的位置。

系统中无此数据，暂以NULL代替。  
no data,will use NULL

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Assortment\_status\_type\_id  商品分类\_状态\_类型\_id | Alphanumeric id  字母数字id | Currently codes are:  Code 1 = standard assortment;  Code 2= optional (at store level for local flavor);  Code 5 = temporary stop order (eg seasonal)  Code 8 = entering deletion phase (when a product has 0 inventory,it goes to code 9 from here)  Code 9 = deleted products.  目前的编码有：  编码1：标准商品分类  编码2：可选择的（在门店层级根据当地特色进行选择）  编码5：临时停止订货（如季节性商品）  编码8：永久性停止订货（商品在变成零库存后将进入到编码9）  编码9：已删除的商品（目前系统商品主档中没有这样的商品状态类型，只有输入、提交、生效或已删除，而对于订货状态的控制则是到地点层级） |
| Assortment\_type\_name\_en  商品分类\_类型\_名称\_英文 | Text  文本 |  |
| Assortment\_type\_name\_ch  商品分类\_类型\_名称\_中文 | Text  文本 |  |

## master\_sales\_type 主数据\_销售\_方式

This table captures all the different types of sales that happen in BBG

此表格抓取步步高企业内部的所有销售类型

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Sales\_type\_id  销售\_类型\_id | Alphanumeric id  字母数字id | To define sales types, there are 3 types:  1, normal sales  2, commission sales (with no inventory)  3, commission sales (with inventory) also known as semi-consignment sales 确认销售类型，共三种销售：  1，普通销售 – 自营  2，代理销售 （不管库存）  3，代理销售 （管库存）也称之为半联营销售（目前系统中只有自营与联营两种类型，且都是依据主要供应商来做区分，实际上商品的库存与销售在标准功能里是没有区分经营类型的）如果只用两种类型，那么第三种为NULL we are about to receive only 2 types of sales,because there are self supported + consignment,and they are both based on suppler,in reality,the standard function of product inventory and sales does not tell the differences on sales type |
| Sales\_type\_name\_en  销售\_类型\_名称\_英文 | Text  文本 |  |
| Sales\_type\_name\_ch  销售\_类型\_名称\_中文 | Text  文本 |  |

## master\_sales\_tender 交易型\_销售\_支付方式

This table captures all the different types of tender that a customer can pay with, including credit + debit cards, customer top-up prepaid + gift cards, and cash.

此表格抓取一个顾客的所有的支付方式，包含信用卡，记账卡，储值卡和现金

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| tender\_type\_id  支付方式\_类型 | Alphanumeric id  字母数字id | Indicates if customer paid by cash, credit card.  表示顾客是以何种方式支付，现金、信用卡、优惠劵 |
| Tender\_type\_name\_en  支付方式\_类型\_名称\_英文 | Text  文档 |  |
| Tender\_type\_name\_ch  支付方式\_类型\_名称\_英文 | Text  文档 |  |

## Master\_customer 主数据\_顾客（增加字段）

Taking advantage of the loyalty program we can create master data for the customer.

我们可以利用客户忠诚计划创建顾客的主数据。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| VIP\_card\_id | Alphanumeric id  字母数字id | Identifier for the VIP  忠诚计划的标识符改成VIP卡号（需要从CRM系统中抽取数据） |
| phone\_number  手机\_数字 | Alphanumeric id  字母数字id |  |
| name\_en  名称\_英文 | Text  文本 |  |
| name\_ch  名称\_中文 | Text  文本 |  |
| date\_of\_birth  生日\_的\_日期 | Date  日期 | yyyy/mm/dd  年/月/日 |
| VIP joining date  VIP加入日期 | Date  日期 | This is the date the customer joined the VIP programme 此为顾客加入VIP计划的日期、 yyyy/mm/dd  年/月/日 |
| VIP\_end\_date  VIP截止日期 | Date  日期 | This is the date the customer ended their VIP membership. This end could be through issuance of new card, suspension or cancellation.  此为顾客结束他们的VIP身份的日期。  这个结束日期可能是通过更换新的VIP卡，VIP卡作废或者取消。 yyyy/mm/dd  年/月/日 |
| Gender  性别 | Text 'F', 'M'  文本 | 'F'= female; 'M'= Male  “F”= 女性  “M”= 男性 |
| Outlet\_id  门店\_id | Alphanumeric id  字母数字id | This is the store issued any card  此为发放VIP卡的门店 |
| Address Postal code  地址邮政编码 | Numeric  数字 |  |

## master\_other\_income\_type 主数据\_其他\_收入\_类型

This table captures all the different types of other income, which are sourced from Supplier contracts

此表格抓取步步高供应商合同内的所有其他收入的类型

所有合同内收入ID（需要财务提供收入ID号码）  
this is all the other income id sourced from supplier contract(need to be provided from finance)

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Other\_income\_type\_id  其他\_收入\_id | Alphanumeric id  字母数字id |  |
| Other\_income\_Type\_name\_en  其他\_收入\_名称\_英文 | Text  文档 |  |
| Other\_income\_type\_name\_ch  其他\_收入\_名称\_中文 | Text  文档 |  |

## master\_assets\_type 主数据\_资产\_类型

This table captures all the different types of assets type inside of BBG

此表格抓取步步高内所有资产类型

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| assets\_type\_id  资产\_类型\_id | Alphanumeric id  字母数字id | |  |  | | --- | --- | | 1 | Design & Drawing 设计出图 | | 2 | Civil Works 土建工程 | | 3 | MEP Works 机电工程 | | 4 | Tenant Fit Out Cost 招商区装修费用 | | 5 | Air Conditioning & Exhaust System 空调及排烟系统 | | 6 | SIGNAGE - Exterior LOGO 外部标识 | |  |  | | 7 | Signage Interior - Graphics & POP 内部标识-贴图 | | 8 | Security System - CCTV  防盗系统 | | 9 | Sound System, Telephone, MATV 广播系统、电话 | | 10 | IT MIS 信息系统 | | 11 | Refrigeration Works 冷链工程 | | 12 | Gondola & Accessories  (Market+Warehouse) 货架及配件(卖场+仓库) | | 13 | Stainless Steel 不锈钢设备 | | 14 | Store Equipment 门店设备 | | 15 | Loose Fixture  固定道具 | | 16 | Cashier Counter 收银台 | | 17 | Office Equipment 办公设备 | |  | 需要从资产系统中取值  need to extract from asset system | |
| assets\_type\_name\_en  资产\_类型\_名称\_英文 | Text  文档 |  |
| assets\_type\_name\_ch  资产\_类型\_名称\_中文 | Text  文档 |  |

## Tables for Transactional sales Data (pos) 交易型销售数据表格（POS）

1. This master data is required to populate product sales reports. All values for transactional data are excluding taxes.

此主数据用于生成商品销售报表。所有交易型数据都为不含税值。

## TXN\_sales\_header 交易型\_销售\_标头

* 1. This transactional data is generated in the POS system. This table will contain one row per regular sale or return transaction registered in a POS system.
  2. 此交易型数据产生于POS系统。此表格将包含记录在POS系统中的每一个普通销售或者退货交易的一行。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Time  时间 | Date and time  日期及时间 | Date and time of the transaction  交易的日期及时间 |
| sales\_pos\_id  销售\_pos\_id | Alphanumeric id  字母数字id | This identifier must be related with the POS system.  (Institution + date + machine\_id + serial number)  此标识符必须与POS系统进行关联 机构+日期+机器号+流水号（收银小票号码） |
| store\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the master outlet data.  此标识符必须与主数据门店数据进行关联 |
| employee\_id  员工\_id | Alphanumeric id  字母数字id | Identifier for the employee who completed the sale transaction.  完成销售交易的员工的标识符（目前全部都是采用的虚拟收银员号码） |
| transaction\_type  交易\_类型 | Alphanumeric id  字母数字id | Indicates if the transaction was a 'Return' or a 'Regular Sale'  表示交易是一个“退货”或“正常销售”（在每一笔流水上可以区分销售与退货，在交易头上有，但是进入RETEK系统后应该只有合计值） |
| VIP\_id | Alphanumeric id  字母数字id | This identifier must be related with a loyalty program of the customer.  此标识符必须与顾客忠诚计划进行关联（目前此数据还没有放在RTLOG中上传上来） |

## TXN\_sales\_tender 交易型\_销售\_支付方式（删除字段）

This tender captures how the customer paid the transaction total. The customer can pay with one or many tenders per transaction.

Total sale less taxes = net sale

$100 less $10 = $90

Cash of $80 + prepaid card of $20= $100 less taxes = $90 net sales.

此支付方式抓取顾客是如何就一笔销售进行的支付。顾客可以就一笔销售进行一种或多种形式的支付。

总销售 - 税金 = 净销售额

100元 – 10元 = 90 元

付80元现金+ 付储值卡 20 元= 100元 – 税金 = 90元净销售

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Sales\_pos\_id  销售\_pos\_id | Alphanumeric id  字母数字id | This identifier must be related with the POS system.  (Institution + date + machine\_id + serial number)  此标识符必须与POS系统进行关联 机构+日期+机器号+流水号 （收银小票号） |
| tender\_type  支付方式\_类型 | Alphanumeric id  字母数字id | This identifier must be related with the master\_sales\_tender  此标示符必须与主数据\_销售\_支付方式进行关联 |
| Amount before taxes  税前金额 | Numeric  数字 |  |
|  |  |  |

## TXN\_sales\_detail 交易型\_销售\_细节

This transactional data is generated in the POS system. This table typically contains one row per product within a sales transaction.

此交易型数据产生于POS系统。此表格典型的包含在一笔销售交易中每个商品所占的一行。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Time  时间 | Date and time  日期及时间 | Time that the product is scanned. This data contains which date and time the product was scanned in the POS system.  扫描商品的时间。此数据包含商品是什么日期什么时间在POS系统内扫描 |
| VIP\_card\_id  VIP\_卡号\_id | Alphanumeric id  字母数字id |  |
| Sales\_pos\_id  销售\_pos\_id | Alphanumeric id  字母数字id | This identifier must be related with the POS system.  (Institution + date + machine\_id + serial number)  此标识符必须与POS系统进行关联 机构+日期+机器号+流水号 |
| product \_id  商品\_id | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据内的SKU编码进行关联 |
| Quantity  数量 | Numeric  数字 | How many  多少 |
| Price (including taxes)  价格（包含税金） | Numeric  数字 | Price that the product sold.  商品卖出的价格（含税单价） |
| tax\_amount  税金\_额 | Numeric  数字 | Actual xx% taxes applied to that product  商品实际的百分比（需单独计算） |
| Price\_type  价格\_类型  Promotion\_ type | Alphanumeric  字母数字 | Type of price applied; normal price, markdown price, promotional price, coupon.  价格应用类型；正常价格，折价销售，促销价格，优惠劵（促销类型）need to confirm 3 + 1 |
| promotion\_id  促销\_id | Alphanumeric id  字母数字id | This identifier must be related with the promotion master data. If the product has not an associated promotion value will be NULL.  此标识符必须与促销主数据进行关联。如果商品没有与一个促销相关联，那么值将为无效的 |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id | This identifier must be related with the supplier id from the master supplier data  此标识符必须与供应商主数据中的供应商id进行关联（目前无供应商，只能关联取主供应商）pick primary supplier here |
| promotion\_page\_type\_id  促销\_版面\_类型\_id | Alphanumeric id  字母数字id | This identifier must be related with the promotion\_page\_type\_id from the master promotion\_page\_type  此标识符必须与主数据促销\_版面\_类型中的促销\_版面\_类型\_id进行关联（无此信息，以NULL代替） NULL |
| Sales\_type\_id  销售\_类型\_id | Alphanumeric id  字母数字id | To define sales types, there are 3 types:  1,normal sales  2,commission sales (with no inventory)  3,commission sales (with inventory), also known as semi-consignment sales  确认销售类型，共三种销售：  1，普通销售 – 自营  2，代理销售 （不管库存）  3，代理销售 （管库存）也称之为半联营销售（只能根据主供应商的经营类型来做区分，但在自营这一块并不一定准确，因为自营的销售是根据批次先进先出虚拟计算的，并非取主供应商的）can only do it based on the status of the primary supplier,but it won’t be 100% accurate for self support sales,because self support sales is calculated by come in first go out first rule,it’s not by primary supplier |

# 

## TXN\_promotional\_sales\_UNIT\_forecast\_detail 交易型\_促销\_销售\_单位\_预测\_细节

This data is the unit sales forecast for any promotional program.

此数据是任何促销计划的单位销售预测。

（无此项数据，没有促销预测数据，以NULL代替）

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| promotion\_id  促销\_id | Alphanumeric id  字母数字id | This identifier must be related with the promotion\_id master data.  此标识符必须与促销\_id主数据进行关联 |
| Start\_date  开始\_日期 | Date  日期 |  |
| End\_date  结束\_日期 | Date  日期 |  |
| product \_id  商品\_\_id | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据内的SKU 编码进行关联 |
| Quantity  数量 | Numeric  数字 | How many units per day  每天多少数量 |
| Price\_value 金额\_值 |  |  |
| outlet\_id  门店\_id |  |  |

## Tables for Transactional Inventory Data 交易型库存数据表格

All values for transactional data are excluding taxes.

所有交易型数据位不含税值。

## TXN\_store\_cost\_Of\_GOODS 交易型\_门店\_商品\_销售\_成本

This table contains the cost of goods for product sold at store.

此表格包含在门店的商品销售成本。

|  |  |  |
| --- | --- | --- |
| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| Date  日期 | Date  日期 | Daily data  日数据 |
| outlet ID  门店\_ID | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| supplier\_ID  供应商\_ID | Alphanumeric id  字母数字id | Identifier of the supplier that is delivering the products. This id must be related with the supplier id table.  交付商品的供应商的标识符。此id必须与供应商id表格进行关联 （只能关联主供应商给值）will pick primary supplier |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（以NULL代替）NULL |
| promotion\_id  促销\_id | Alphanumeric id  字母数字id | This identifier must be related with the promotion master data. If the product is not on promotion, the value will be NULL.  此标识符必须与促销主数据进行关联。如果某商品没有参与促销活动，那么其值将为NULL（无效的） |
| Sales\_type\_id  销售\_类型\_id | Alphanumeric id  字母数字id | To define sales types, there are 3 types:  1,normal sales  2,commission sales (with no inventory)  3,commission sales (with inventory), also known as semi-consignment sales  确认销售类型，共三种销售：  1，普通销售 – 自营  2，代理销售 （不管库存）  3，代理销售 （管库存）也称之为半联营销售 |
| Product\_ID  商品\_ID | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the cost of goods for the Store for product sold.  门店为商品支付给供应商的价格(**成本总金额**) |

## TXN\_STORE\_Inventory 交易型\_门店\_库存

This table contains inventory in any store.

此表格包含任何门店内的库存。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Date of last purchase of product  某商品最后一次进货的日期 |
| Date  日期 | Date  日期 | Date of stocktake of product  某商品的盘点日期-----以NULL代替 |
| outlet ID  门店\_ID | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| Supplier\_ID  供应商\_ID | Alphanumeric id  字母数字id | Identifier of the supplier that is delivering the products. This id must be related with the supplier id table.  交付商品的供应商的标识符。此id必须与供应商id表格进行关联（只能关联主供应商）pick primary supplier |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（以NULL代替） |
| Product\_ID  商品\_ID | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the cost of inventory in any Store.  门店为商品支付给供应商的价格（取WAC值） |

## TXN\_DC\_Inventory 交易型\_DC\_库存

This table contains the inventory in any DC.

此表格包含任何DC内的库存。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Date of last purchase of product  某商品最后一次进货的日期 |
| Date  日期 | Date  日期 | Date of stocktake of product  某商品的盘点日期------以NULL代替 |
| outlet ID  门店\_ID | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a DC (DC)  当门店是一个DC（物流中心）时，此标识符必须与门店主数据进行关联 |
| supplier\_ID  供应商\_ID | Alphanumeric id  字母数字id | Identifier of the supplier that is delivering the products. This id must be related with the supplier id table.  交付商品的供应商的标识符。此id必须与供应商id表格进行关联（取主供应商编码）pick primary supplier |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（以NULL代替） |
| Product\_ID  商品\_ID | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the cost of inventory in the DC.  门店为商品支付给供应商的价格（取WAC值） |

## TXN\_store\_purchase\_from\_supplier\_cost 交易型\_门店\_从\_供应商\_购买\_成本（增加字段）

This table contains all the effective deliveries of inventory from a supplier directly to a store. So this is what a Store receives from the Suppliers.

此表格包含所有从一个供应商直接送至一个门店的有效的库存交货。所以这是表示一个门店从供应商处收到的。

门店直送收货数据

建议：增加收货单号字段

Suggesting to add a receiving sheet number

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 |
| Receving\_sheet\_number 收\_货\_单 | Alphanumeric id  字母数字id | This is the receiving sheet number for each batch that the order is delivered  收货单号 |
| outlet ID  门店\_ID | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| supplier\_ID  供应商\_ID | Alphanumeric id  字母数字id | Identifier of the supplier that is delivering the products. This id must be related with the supplier id table.  交付商品的供应商的标识符。此id必须与供应商id表格进行关联 |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（以NULL代替） |
| Product\_ID  商品\_ID | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the price that the Store is paid for the product to the Supplier.  门店为商品支付给供应商的价格（取收货**成本总金额**）pick the **Total Price** from receiving sheet number |

## TXN\_store\_Returns\_to\_supplier\_cost 交易型\_门店\_退货\_至\_供应商\_成本（增加字段）

This table contains all the returns of inventory to a supplier from a store.

此表格包含从一个门店向一个供应商所有的退货。

门店返厂数据

建议：增加返厂单号字段  
suggesting to add returning sheet number

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 |
| Returning\_sheet\_number 退\_货\_单 | Alphanumeric id  字母数字id | This is the returning sheet number for each batch that returns to supplier  返厂单号 |
| outlet ID  门店\_ID | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| supplier\_ID  供应商\_ID | Alphanumeric id  字母数字id | Identifier of the supplier to whom the products are returned. This id must be related with the supplier id table.  交付商品的供应商的标识符。此id必须与供应商id表格进行关联 |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（ 以NULL代替） |
| Product\_ID  商品\_ID | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the price that the Store is paid for the product to the Supplier.  门店为商品支付给供应商的价格（取返厂**成本总金额**）pick **Total** price from returning sheet number |

## TXN\_dc\_purchase\_from\_supplier\_cost 交易型\_物流中心\_从\_供应商\_购买\_成本 （增加字段）

This table contains all the effective deliveries of inventory from a supplier directly to a Distribution Center. So this is what a DC receives from the Suppliers. If there is no DC, this table can be left blank.

此表格包含所有从一个供应商直接送至一个物流中心的有效的库存交货。所以这是表示一个物流中心从供应商处收到的。如果没有DC，我们可以先把表格保留，只是不需要往里面填数

DC收货数据

建议：增加收货单号  
suggesting to add receiving sheet number

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 | |
| --- | --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 | |
| Receving\_sheet\_number 收\_货\_单 | Alphanumeric id  字母数字id | This is the receiving sheet number for each batch that the order is delivered  收货单号 | |
| outlet\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Distribution Center (DC)  当门店是一个物流中心（DC）时，此标识符必须与门店主数据进行关联 | |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id | Identifier of the supplier that is delivering the products. This id must be related with the supplier id table.  交付商品的供应商的标识符。此id必须与供应商id表格进行关联 | |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（以NULL代替） |
| Product\_ID  商品\_ID | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 | | |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units | | |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 | | |
| cost\_value  成本\_价值 | Monetary  货币 | This is the price that the Distribution Center is paying to the Supplier.  物流中心为商品支付给供应商的价格（**取收货总成本**）pick the **Total**  price from receiving sheet number | | |

## TXN\_dc\_returns\_to\_supplier\_cost 交易型\_物流中心\_退货\_至\_供应商\_成本 （增加字段）

This table contains all the returns of inventory to a supplier from a Distribution Center. If there is no DC, this table can be left blank.

此表格包含所有从一个物流中心向一个供应商的所有退货。如果没有DC，我们可以先把表格保留，只是不需要往里面填数

| Field 字段 | | Type 类型 | | Comments / Questions 建议/问题 | |
| --- | --- | --- | --- | --- | --- |
| Date  日期 | | Date  日期 | | Daily data  日数据 | |
| Returning\_sheet\_number 退\_货\_单 | | Alphanumeric id  字母数字id | | This is the returning sheet number for each batch that returns to supplier  返厂单号 | |
| outlet\_id  门店\_id | | Alphanumeric id  字母数字id | | This identifier must be related with the outlet master data when outlet is a Distribution Center (DC)  当门店是一个物流中心（DC）时，此标识符必须与门店主数据进行关联 | |
| supplier\_id  供应商\_id | | Alphanumeric id  字母数字id | | Identifier of the supplier to whom the products are returned from the DC. This id must be related with the supplier id table.  交付商品的供应商的标识符。此id必须与供应商id表格进行关联 | |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（以NULL代替） | |
| Product\_ID  商品\_ID | | Alphanumeric id  字母数字id | | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 | |
| units\_type  单位\_类型 | | 'Kg' or 'units' | | Kg or units | |
| Quantity  数量 | | Numeric  数字 | | How many weight or units of the product.  商品的重量或单位 | |
| cost\_value  成本\_价值 | | Monetary  货币 | | This is the price that the Distribution Center is paying to the Supplier.  物流中心为商品支付给供应商的价格（取返厂**成本总金额**）pick **Total** price from returning sheet number | |

## TXN\_store\_purchase\_from\_DC\_cost 交易型\_门店\_从\_物流中心\_购买\_成本 （增加字段）

This table contains all the effective deliveries of inventory from a Distribution Center to a Store. Note that each one of the deliveries is also sale that the Distribution Center is making to the store (through-put). So in this data we also can find all the sales that the DC is making to the Stores. If there is no DC, this table can be left blank.

此表格包含所有从一个物流中心直接送至一个门店的有效的库存交货。请注意每一笔交货都可以视为一笔由物流中心向门店的销售（吞吐量）。所以在此数据内我们同样也可以找到所有由物流中心销售至门店的记录。如果没有DC，我们可以先把表格保留，只是不需要往里面填数

DC向门店的配送数据：

建议：增加调拨单号字段  
suggesting to add transfer sheet number

| Field 字段 | | Type 类型 | | Comments / Questions 建议/问题 | |
| --- | --- | --- | --- | --- | --- |
| Date  日期 | | Date  日期 | | Daily data  日数据 | |
| Transfer\_sheet\_number | | Alphanumeric id  字母数字id | | This is the transfer sheet number showing which products get transferred to where  调拨单号 | |
| outlet\_id  门店\_id | | Alphanumeric id  字母数字id | | This identifier must be related with the outlet master data when outlet is a Distribution Center (DC). The DC is performing sales.  当门店是一个物流中心（DC）时，此标识符必须与门店主数据进行关联。物流中心执行销售。 | |
| outlet\_id  门店\_id | | Alphanumeric id  字母数字id | | This identifier must be related with the outlet master data when outlet is a Store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 | |
| product\_id  商品\_id | | Alphanumeric id  字母数字id | | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 | |
| supplier\_id  供应商\_id | | Alphanumeric id  字母数字id | | This id relates the inventory with the supplier that had delivered originally the inventory to BBG. This identifier must be related with the supplier master data. ------给主供应商编码 pick the primary supplier  此id关联最初将库存送至步步高的供应商。此标识符必须与供应商主数据进行关联 | |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id  ----------以NULL代替 | |
| units\_type  单位\_类型 | | 'Kg' or 'units' | | Kg or units | |
| Quantity  数量 | | Numeric  数字 | | How many weight or units of the product.  商品的重量或单位 | |
| cost\_value  成本\_价值 | | Monetary  货币 | | This is the price that the store is paying to the DC.  门店为商品支付给物流中心的价格（取调拨**成本总金额**） pick the **Total**  price from the transfer sheet number | |

## TXN\_store\_return\_to\_DC\_cost 交易型\_门店\_退货\_至\_物流中心\_成本 （增加字段）

This table contains all the effective returns of inventory to a Distribution Center from a Store (through-put). If there is no DC, this table can be left blank.

此表格包含所有从一个门店向一个物流中心的所有的退货（吞吐量）。如果没有DC，我们可以先把表格保留，只是不需要往里面填数

门店向DC的返仓数据

建议：增加调拨单号字段  
suggesting to add transfer sheet number

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 |
| Transfer\_sheet\_number | Alphanumeric id  字母数字id | This is the transfer sheet number showing which products get transferred to where  调拨单号 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Distribution Center (DC). The DC is performing sales.  当门店是一个物流中心（DC）时，此标识符必须与门店主数据进行关联。物流中心执行销售。 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| product\_id  商品\_id | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id | This id relates the inventory with the supplier that had delivered originally the inventory to BBG. This identifier must be related with the supplier master data. -----给主供应商编码 pick the primary supplier  此id关联最初将库存送至步步高的供应商。此标识符必须与供应商主数据进行关联 |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（以NULL代替） |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the price that the store is paying to the DC.  门店为商品支付给物流中心的价格（取调拨**成本总金额**）pick the **Total** price from the transfer sheet number |

## txn\_DC\_shrink 交易型\_物流中心\_损耗

This table contains the entire shrink data regarding the Distribution Centers not relating to stock takes. If there is no DC, this table can be left blank.

此表格包含物流中心的所有的损耗数据，但不包含盘点数据. 如果没有DC，我们可以先把表格保留，只是不需要往里面填数

Shrinkage = WS = waste = normal product that is damaged + not saleable

损耗 = WS = 损失 = 普通的损坏商品以及无法销售的商品

DC除盘点以外的库存调整数据（报损）  
adjusted inventory data beyond DC stocktake(write off)

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a DC (DC)  当门店是一个DC（物流中心）的时候，此标识符必须与门店主数据进行关联 |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id | This id relates the inventory with the supplier that had delivered originally the inventory to BBG. This identifier must be related with the supplier master data. -----给主供应商编码 pick primary supplier  此id关联最初将库存送至步步高的供应商。此标识符必须与供应商主数据进行关联 |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（默认取NULL） | |
| product\_id  商品\_id | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 |
| shrinkage\_id  损耗\_id | Alphanumeric id  字母数字id | Shrinkage = WS = waste = normal product that is damaged + not saleable  WS = 损耗，如一个苹果由于已经腐烂无法出售，只能丢弃的（默认取WS） |
| cost\_value  成本\_价值 | Monetary  货币 | This is the monetary value of the wasted stock.  浪费掉的库存的货币值(取损耗**成本总金额**) pick **Total**  price of shrinkage |

## txn\_Store\_shrink 交易型\_门店\_损耗

This table contains the entire shrink data regarding the Stores but not relating to stock takes.

Shrinkage = 2 types

MK = markdown = normal product that is damaged but saleable

Clearance sales are not included in shrinkage.

WS = waste = normal product that is damaged + not saleable

此表格包含门店的所有损耗数据，但不包含盘点数据。

损耗有两种

MK = 折价，正常商品由于损坏，但还能够售出

出清销售不包含在损耗之内

WS = 损耗，正常商品已经完全损坏，只能进行丢弃的

门店除盘点以外的库存调整数据

Adjusted inventory data beyond store stock take

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 | |
| --- | --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 | |
| outlet\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 | |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id | This id relates the inventory with the supplier that had delivered originally the inventory to BBG. This identifier must be related with the supplier master data.  此id关联最初将库存送至步步高的供应商。此标识符必须与供应商主数据进行关联（默认取主供应商编码） pick the primary supplier | |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（默认取NULL） |
| product\_id  商品\_id | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 | |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units | |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 | |
| shrinkage\_id  损耗\_id | Alphanumeric id  字母数字id | Shrinkage = 2 types  MK = markdown = normal product that is damaged but saleable  WS = waste = normal product that is damaged + not saleable  损耗有两种  MK = 折价，如一个苹果在早市的时候品质完好，售价1元，到晚市时由于陈列等方面的原因导致品质下降，但还能够售出，以0.5元售出  WS = 损耗，如一个苹果由于已经腐烂无法出售，只能丢弃的（默认为WS） | |
| cost\_value  成本\_价值 | Monetary  货币 | This is the monetary value of the wasted stock.  浪费掉的库存的货币值(取报损**成本总金额**) pick the **Total**  price of the write offs | |

## txn\_DC\_stock\_take\_shrink 交易型\_物流中心\_盘\_点\_损耗

This table contains all the data regarding missing/additional stock in the Distribution Centers. If there is no DC, this table can be left blank.

此表格包含物流中心所有缺失/额外货物的数据。如果没有DC，我们可以先把表格保留，只是不需要往里面填数

DC盘点损耗

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Date of stock take  盘点日期 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Distribution Center (DC)  当门店是一个物流中心（DC）时，此标识符必须与门店主数据进行关联 |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id | This id relates the inventory with the supplier that had delivered originally the inventory to BBG. This identifier must be related with the supplier master data.  此id关联最初将库存送至步步高的供应商。此标识符必须与供应商主数据进行关联（默认取主供应商编码）pick primary supplier |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（默认为NULL） |
| product\_id  商品\_id | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the monetary value of the missing stock.  缺失货物的货币值（取盘点盈亏**成本总金额**）pick **Total**  price of stock take profit and loss |

## txn\_Store\_stock\_take\_shrink 交易型\_门店\_盘\_点\_损耗

This table contains all the data regarding missing/additional stock in the Stores.

此表格包含门店所有缺失/额外货物的数据。

门店盘点损耗

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Date of stock take  盘点日期 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id | This id relates the inventory with the supplier that had delivered originally the inventory to BBG. This identifier must be related with the supplier master data.  此id关联最初将库存送至步步高的供应商。此标识符必须与供应商主数据进行关联（默认取主供应商编码）pick primary supplier |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（默认为NULL） |
| product\_id  商品\_id | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the monetary value of the missing stock.  缺失货物的货币值（取盘点盈亏**成本总金额**） pick **Total**  price of stock take profit and loss |

## txn\_DC\_orders\_to\_Supplier 交易型\_物流中心\_向\_供应商\_订货 （增加字段）

This table contains all the effective orders of inventory that the Distribution Centers are making to the suppliers. So this is what the Distribution Center wants to get from the suppliers. If there is no DC, this table can be left blank.

此表格包含物流中心所有发往供应商的有效的库存订货。所以这是物流中心想要从供应商处获得的。如果没有DC，我们可以先把表格保留，只是不需要往里面填数

DC向供应商的订货数据

建议：增加订单号  
suggesting to add order sheet number

| Field 字段 | | Type 类型 | Comments / Questions 建议/问题 | |
| --- | --- | --- | --- | --- |
| Date  日期 | | Date  日期 | Daily data  日数据 | |
| Order\_sheet\_number  订\_单\_号 | | Alphanumeric id  字母数字id | Order sheet number  订单号 | |
| outlet\_id  门店\_id | | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Distribution Center (DC)  当门店是一个物流中心（DC）时，此标识符必须与门店主数据进行关联 | |
| supplier\_id  供应商\_id | | Alphanumeric id  字母数字id | Identifier of the supplier that is receiving the orders. This id must be related with the supplier id table.  收到订货单的供应商的标识符。此id必须与供应商id表格进行关联 | |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（默认为NULL） |
| product\_id  商品\_id | | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 | |
| units\_type  单位\_类型 | | 'Kg' or 'units' | Kg or units | |
| Quantity  数量 | | Numeric  数字 | How many weight or units of the product.  商品的重量或单位 | |
| cost\_value  成本\_价值 | | Monetary  货币 | This is the price that the DC is paying to the supplier.  物流中心为商品支付给供应商的价格（已收货订单，取收货**成本总金额**；未收货订单，取订货**成本总金额**）for those orders that’ve been delivered,pick the receiving **Total**  price;for those that’s not,pick the order **Total**  price | |

## txn\_Store\_orders\_to\_Supplier 交易型\_门店\_向\_供应商\_订货（增加字段）

This table contains all the effective orders of inventory that the Stores are making to the suppliers. This is what the Store wants to receive from the Suppliers.

此表格包含门店所有发往供应商的有效的库存订货。这是门店想要从供应商处获得的。

门店向供应商的订货数据

建议：增加订单号  
suggesting to add order sheet number

| Field 字段 | | Type 类型 | | Comments / Questions 建议/问题 | |
| --- | --- | --- | --- | --- | --- |
| Date  日期 | | Date  日期 | | Daily data  日数据 | |
| Order\_sheet\_number  订\_单\_号 | | Alphanumeric id  字母数字id | | Order sheet number  订单号 | |
| outlet\_id  门店\_id | | Alphanumeric id  字母数字id | | This identifier must be related with the outlet master data when outlet is a Store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 | |
| supplier\_id  供应商\_id | | Alphanumeric id  字母数字id | | Identifier of the supplier that is receiving the orders. This id must be related with the supplier id table.  收到订货单的供应商的标识符。此id必须与供应商id表格进行关联 | |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（默认为NULL） | |
| product\_id  商品\_id | | Alphanumeric id  字母数字id | | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 | |
| units\_type  单位\_类型 | | 'Kg' or 'units' | | Kg or units | |
| Quantity  数量 | | Numeric  数字 | | How many weight or units of the product.  商品的重量或单位 | |
| cost\_value  成本\_价值 | | Monetary  货币 | | This is the price that the store is paying to the supplier.  门店为商品支付给供应商的价格（已收货订单，取收货**成本总金额**；未收货订单，取订货**成本总金额**）for those orders that’ve been delivered,pick the receiving **Total**  price;for those that’s not,pick the order **Total**  price | |

## txn\_Store\_orders\_to\_dc 交易型\_门店\_向\_物流中心\_订货（增加字段）

This table contains all the effective orders of inventory that the Stores are making to the Distribution Centers. This is what the Store wants to receive from the Distribution Centers. If there is no DC, this table can be left blank.

此表格包含门店所有发往物流中心的有效的库存订货。这是门店想要从物流中心处获得的。如果没有DC，我们可以先把表格保留，只是不需要往里面填数

门店向DC的要货数据（也就是配送通知单）

建议：增加调拨单号  
suggesting to add transfer sheet number field

| Field 字段 | | Type 类型 | | Comments / Questions 建议/问题 |
| --- | --- | --- | --- | --- |
| Date  日期 | | Date  日期 | | Daily data  日数据 |
| Transfer\_sheet\_number | | Alphanumeric id  字母数字id | | This is the transfer sheet number showing which products get transferred to where  调拨单号 |
| outlet\_id  门店\_id | | Alphanumeric id  字母数字id | | This identifier must be related with the outlet master data when outlet is a Store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| outlet\_id  门店\_id | | Alphanumeric id  字母数字id | | Identifier of the Distribution Center that is receiving the orders. This id must be related with the supplier id master table.  收到订货单的物流中心的标识符。此id必须与供应商主数据进行关联 |
| supplier\_id  供应商\_id | | Alphanumeric id  字母数字id | | This id relates the inventory with the supplier that had delivered originally the inventory to BBG. This identifier must be related with the supplier master data.  此id关联最初将库存送至步步高的供应商。此标识符必须与供应商主数据进行关联（默认取主供应商编码）pick the primary supplier |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（默认为NULL） | |
| product\_id  商品\_id | | Alphanumeric id  字母数字id | | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | | 'Kg' or 'units' | | Kg or units |
| Quantity  数量 | | Numeric  数字 | | How many weight or units of the product.  商品的重量或单位 |
| cost\_value  成本\_价值 | | Monetary  货币 | | This is the price that the store is paying to the supplier.  门店为商品支付给供应商的价格（取调拨单中的**成本总金额**）pick the **Total** price in transfer sheet number |

## txn\_account\_payable\_by\_supplier 交易型\_按\_供应商\_应付\_账款

This is the net amount owing to any supplier including any corrections, discounts, deliveries, and returns.

这里所指的是欠供应商的净值，任何的更正调整，折让，收货，退货等都已包含在内

需要到EBS系统中取值，经与财务项目组交流，只会到一级供应商，且只有一个总余额数据，没有具体的单据以及商品数据  
need to extract data from ebs,and it will only be to 1st level supplier,and a total balance,not down to specific sheet or product

| Field 字段 | | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- | --- |
| Date  日期 | | Date  日期 | Date of outstanding invoice or date of delivery depending on the trading terms 支付票据的日期或根据交易条款上的收货日期 |
| num\_days  天\_数 | | numeric  数字 | Trading terms or period of time (in number of days) that BBG has before paying the supplier.  交易条款或者步步高支付供应商之前拥有的时间期限（多少天）这里所记录的根据合同内规定假如货到或票到7天之后付款，那么这里记录的就是7天 in the contract it says payable days is 7 days after the delivery of invoice, then we record 7 days here |
| Acceptance\_sheet\_number  验收\_单\_票号 | | Alphanumeric  字母数字id |  |
| supplier\_id  供应商\_id | | Alphanumeric id  字母数字id | This identifier must be related with the supplier master data.  此标识符必须与供应商主数据进行关联 |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id |
| cost\_value  成本\_价值 | | Monetary  货币 |  |
| product\_id  id\_商品 | | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |

## txn\_other\_income\_by\_supplier

From this table we report the other income by product/dept by supplier.

从此张表中，我们出具分商品/部门分供应商的其他收入

**其它收入只能分到部门，无法分到商品ID。  
will only break it down to dept,can’t do it by sku**

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 | |
| --- | --- | --- | --- |
| Date  日期 | Date  日期 | Last day of the month  每月的最后一天 | |
| Other\_income\_type\_id | Alphanumeric id  字母数字id | This identifier must be related to master\_other\_income\_type table  此标识符必须与主数据其他收入类型表格进行关联 | |
| product\_id  商品\_id | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data. If product\_id level can not be identified leave this field empty  此标识符必须与商品主数据的SKU 编码进行关联.如果无法识别商品\_id层级，可以将此字段留空（默认为NULL） | |
| Dept\_id  部门\_id | Alphanumeric id  字母数字id | The dept\_id is used only when other income is not identified by product  只有当其他收入无法细分到商品层级的话，启用部门id | |
| supplier\_id  供应商\_id | Alphanumeric id  字母数字id | This identifier must be related with the supplier master data.  此标识符必须与供应商主数据进行关联 | |
| Generic\_supplier\_id  通用\_供应商\_id | Alphanumeric id  字母数字id | If a product has more than one supplier it will have a generic supplier ID  如果一个商品由多个供应商供货，则用通用供应商id（默认为NULL） |
| Revenue\_value  收入\_价值 | Monetary  货币 | 总费用额 total income amount from supplier | |

## txn\_assets\_detail 交易型\_资产\_明细（增加字段）

In this table we report the detail of capital spent by store and non-store, it also captures depreciation and net carrying cost or book value.

此表格我们抓取门店和非门店的资本花费的细节，也抓取折旧及净持有成本

目前资产数据只会存在于EBS系统的资产模块里，经与财务项目组沟通，可以取到该数据。  
at the moment,asset data only sits in the asset module of EBS,this part of data is accessable after confirming with finance

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Outlet\_id  门店\_id | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| assets\_type\_id  资产\_类型\_id | Alphanumeric id  字母数字id | This identifier must be connected to master assets type  此标识符必须与主数据资产类型进行关联 |
| Original\_assets\_encoding\_id  资产\_原始\_编码\_id | Alphanumeric id  字母数字id | This is the codes directly from the assets register  这里的代码来自于资产登记表 |
| Purchase\_date 购买\_日期 | Date  日期 | This is the day when you bought the asset  购买该资产的当天 |
| Orginal\_value 原始\_价值 | Monetary  货币 | This is the value excluding tax  不含税的原值 |
| Useful\_year 可用\_年限 | numeric  数字 | This is how long you expect the asset would last from the begin to use date 该资产从开始使用第一天起预期使用的年限 |
| Begin\_to\_use\_date 开始\_使用\_的\_日期 | Date  日期 | This is the date when you first use the asset  第一次使用该资产的当天 |
| Current\_month  当\_月 | Date  日期 | This is the month that the information in this table is captured  这里所记录的月份是抓取该表内信息的月份 |
| Accumulated\_depreciation 累计\_折旧 | Monetary  货币 | This is the depreciation accumulated since the assets was first used to the current month  从第一次使用该资产后到当月为止所产生的折旧总值 |
| Period\_depreciation 当期\_折旧 | Monetary  货币 | This is the depreciation for the current month  此为当月所产生的折旧 |
| Net\_book\_value 账面\_净\_值 | Monetary  货币 | Orginal\_value (100) less Accumulated\_depreciation (60) = net book value (40).  原值（100元）减去累计折旧（60元）等于账面净值（40元） |

## Tables for master financial Data

**财务数据主数据表格**

## master\_city\_province 主数据\_城市\_省份

This table will store the master data regarding the Hierarchy City>Province. This table will need contain all the cities and provinces where BBG has a Store.

该表格将储存城市>省份架构方面的主数据。此表格将需要包含步步高每一个门店的城市和省份。

|  |  |  |
| --- | --- | --- |
| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| city\_id  城市\_id | Alphanumeric id  字母数字ID |  |
| city\_name\_en  城市\_名称\_英文 | Text  文本 |  |
| city\_name\_ch  城市\_名称\_中文 | Text  文本 |  |
| province\_id  省份\_id | Alphanumeric id  字母数字ID |  |
| province\_name\_en  省份\_名称\_英文 | Text  文本 |  |
| province\_name\_ch  省份\_名称\_中文 | Text  文本 |  |

## master\_division 主数据\_处别

This table will store the master data regarding the Hierarchy Division>Department. This table needs to contain all the departments and Divisions that currently exists in BBG.

此表格将储存处别>部门架构方面的主数据。此表格将需要包含目前步步高内所有的大类和品类。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 | |
| --- | --- | --- | --- |
| division\_id  处别\_id | Alphanumeric id  字母数字ID |  | |
| division\_name\_en  处别\_名称\_英文 | Text  文本 |  | |
| division\_name\_ch  处别\_名称\_中文 | Text  文本 |  | |
| department\_id  部门\_id | Alphanumeric id  字母数字ID | |

## master\_department主数据\_部门

This table will store the master data regarding the Hierarchy Division>Department. This table needs to contain all the departments and Divisions that currently exists in BBG.

此表格将储存处别>部门架构方面的主数据。此表格将需要包含目前步步高内所有的大类和品类。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| department\_id  部门\_id | Alphanumeric id  字母数字ID | This identifier is reference from the master product data.  此标识符与商品主数据相关 |
| department\_name\_en  部门\_名称\_英文 | Text  文本 |  |
| department\_name\_ch  部门\_名称\_中文 | Text  文本 |  |
| family\_group\_id  大\_类\_id | Alphanumeric id  字母数字ID |  |

## master\_REGION/DISTRICT 主数据\_区域

This table will store all the master data for the existing Regions under BBG organizational structure. This table only will need to be updated when BBG creates a new Region.

此表格将储存所有步步高组织架构下已有的区域的主数据。此表格只有在步步高成立一个新的区域的情况下才需要进行更新。

|  |  |  |
| --- | --- | --- |
| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| region\_id  区域\_id | Alphanumeric id  字母数字ID |  |
| region\_name\_en  区域\_名称\_英文 | Text  文本 |  |
| region\_name\_ch  区域\_名称\_中文 | Text  文本 |  |

## master\_format 主数据\_业态

This table will store all the master data for the existing Formats under the BBG organizational structure. This table only will need to be updated when BBG creates a new Format.

此表格将储存所有步步高组织架构下已有的业态的主数据。此表格只有在步步高成立一个新的业态的情况下才需要进行更新。

|  |  |  |
| --- | --- | --- |
| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| format\_id  业态\_id | Alphanumeric id  字母数字ID |  |
| format\_name\_en  业态\_名称\_英文 | Text  文本 |  |
| format\_name\_ch  业态\_名称\_中文 | Text  文本 |  |

## Master\_outlet 主数据\_门店

An outlet can be a cost centre or a revenue centre. These can be trading or non-trading stores, distribution centres or non-trading entities. This table will store all the master data all for the outlet types under BBG organizational structure.

一个门店可以是一个成本中心或是一个收入中心。这些门店可以是营业或非营业门店，物流中心或非营业实体。此表格将储存所有步步高组织架构下门店类型的主数据。

The outlet types include:  
门店类型包含：

'ST' means a trading Store;   
“ST”表示一个营业门店；

‘NST’ means a non-trading store for example as part of budgets a new store is entered.  
“NST”表示一个非营业门店，例如预算中的新店部分；

'DC' means Distribution Center;  
“DC”表示物流中心；

‘HQ’ means a non-trading entity eg an investment or management company.   
“HQ”表示一个非营业实体，例如一个投资或管理公司

This table only needs to be updated when BBG for example creates a new Store or Distribution Center, also if an existing Store changes a region or format, or when a store is closed. When a new Store/DC is created, BBG needs to insert this new Store/DC in this table with the corresponding opening date, names and IDs for the City, Region and Format. If an outlet changes of Region or Format, BBG will need to update the correspondent Id in order to represent the correct and actual associations in this table.

此表格只有在如下情况时才需要进行更新，如步步高创建一个新的门店或新的物流中心，或者如果一个已有门店改变了它所在的区域或业态，或者一个门店已经闭店。如步步高创建一个新的门店/物流中心，步步高需要在这个表格内插入这个新的门店/物流中心以及其相应的开始日期、名称和城市、区域、业态的ID，步步高将需要在此表格内更新相关ID以确保体现准确值及实际值。

|  |  |  |
| --- | --- | --- |
| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字ID |  |
| outlet\_type  门店\_类型 | 'ST', 'DC' | Eg Store 'ST' or Distribution Center 'DC'  如门店“ST”或者物流中心“DC” |
| outlet\_name\_en  门店\_名称\_英文 | Text  文本 |  |
| outlet\_name\_ch  门店\_名称\_中文 | Text  文本 |  |
| city\_id  城市\_id | Alphanumeric id  字母数字ID | Id of the City where is located the outlet.  门店所在城市的ID |
| region\_id  区域\_id | Alphanumeric id  字母数字ID | Id of the District where is located the outlet.  门店所在区域的ID |
| format\_id  业态\_id | Alphanumeric id  字母数字ID | Id of the Format that the outlet belongs.  门店所属业态的ID |
| outlet\_opening\_date  门店\_开始\_日期 | Date  日期 | Opening date is when outlet starts trading. This is a mandatory field, always needs to be provided.  开始日期是当门店开始营业的日期。这是一个强制性的字段，永远都需要提供。 |
| outlet\_closed\_date  门店\_结束\_日期 | Date  日期 |  |

## master\_account\_code 主数据\_会计\_科目

This table will store all the master data regarding the existing BBG finance code of accounts.

此表将储存所有步步高已有的财务会计科目方面的主数据

科目信息需要从EBS系统中取值，目前该系统由财务组管理，需要与财务组确认该数据是否存在？另外取值的要求与完成时间  
account code information is in EBS system which is now being managed by finance team

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| account\_id  科目\_id | Alphanumeric id  字母数字ID |  |
| account\_name\_en  科目\_名称\_英文 | Text  文本 |  |
| account\_name\_ch  科目\_名称\_中文 | Text  文本 |  |
| Index  索引 | Numeric without decimals  不含小数数值 | Indicates the sign of the account code, it can be (1) or (-1)  指示会计科目的符号，可以为（1）或（-1） |
| account\_group  科目\_组群 | Numeric without decimals  不含小数数值 | It indicates if the account code is part of expenses, sales, balance sheet or other group of account codes.  指示会计科目的所在组群，是否是费用、销售、资产负债表或其他会计科目组的一部分 |
| account\_group\_name\_en  科目\_组群\_名称\_英文 | Text  文本 |  |
| account\_group\_name\_ch  科目\_组群\_名称\_中文 | Text  文本 |  |

## master\_job\_DESCRIPTION 主数据\_岗位\_描述

This table will store all the master data regarding the existing type of Job positions in BBG.

此表格将储存所有步步高内已有工作岗位类型的主数据。

|  |  |  |
| --- | --- | --- |
| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| job\_description\_id  工作\_描述\_id | Alphanumeric id  字母数字ID |  |
| job\_description\_name\_en  工作\_描述\_名称\_英文 | Text  文本 |  |
| job\_description\_name\_ch  工作\_描述\_名称\_中文 | Text  文本 |  |
| job\_grade\_id  工作\_描述\_id | Alphanumeric id  字母数字ID |  |

## master\_job\_GRADE 主数据\_岗位\_级别

This table will store all the master data regarding the existing type of Job positions in BBG.

此表格将储存所有步步高内已有工作岗位类型的主数据。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| job\_grade\_id  工作\_描述\_id | Alphanumeric id  字母数字ID |  |
| job\_grade\_name\_en  工作\_描述\_名称\_英文 | Text  文本 |  |
| job\_grade\_name\_ch  工作\_描述\_名称\_中文 | Text  文本 |  |

## Tables for Transactional financial Data

交易型财务数据表格

Transactional tables will contain all the historical data required by Applican BI system. BBG will be responsible to maintain all the historical data in these tables.

交易表格将包含所有Applica BI系统所需的历史数据。步步高将负责这些表格内所有的历史数据的维护工作。

All values for transactional data are excluding taxes.

所有交易数据的值都为不含税值。

## txn\_contribution\_actual 交易型\_损益\_实际

This table will store daily data. The table will contain all the financial records from Stores or distribution centers. Shrink data is included also here.

此表格将储存日数据。此表格将包含所有来自门店或物流中心的财务记录。损耗数据也包含在内。

|  |  |  |
| --- | --- | --- |
| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| Date  日期 | Date  日期 | Daily data  日数据 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字ID | From outlet master data.  取自门店主数据 |
| department\_id  部门\_id | Alphanumeric id  字母数字ID | From department master data.  取自部门主数据 |
| account\_id  科目\_id | Alphanumeric id  字母数字ID | From account code master data.  取自会计科目主数据 |
| Actual  实际 | Monetary  货币 | Monetary value excluding taxes.  不含税货币值 |

## txn\_contribution\_budgeted 交易型\_损益\_预算

This table will contain daily data. The table will contain all the financial records from Stores or distribution centers. Shrink data is included also here.

此表格将储存日数据。此表格将包含所有来自门店或物流中心的财务记录。损耗数据也包含在内。

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字ID | From outlet master data.  取自门店主数据 |
| department\_id  部门\_id | Alphanumeric id  字母数字ID | From department master data.  取自部门主数据 |
| account\_id  科目\_id | Alphanumeric id  字母数字ID | From account code master data.  取自会计科目主数据 |
| Budgeted  预算 | Monetary  货币 | Monetary value excluding taxes.  不含税货币值 |

## txn\_store\_area 交易型\_门店\_面积

This table will store monthly data. Each month BBG will provide the data for the division of the areas in each outlet.

此表格将储存月数据。每个月步步高将提供每个门店每个品类的面积数据。

该数据目前很多新店是没有分部门的面积的，规划设计部也没有提供过来。  
this is where we need help from Ben’s department.

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date 日期 | Date 日期 | Monthly data  月数据 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字ID | From outlet master data.  取自门店主数据 |
| department\_id  部门\_id | Alphanumeric id  字母数字ID | From department master data.  取自部门主数据 |
| retail\_m2  零售\_m2 | Numeric with 2 decimals  数值含2位小数 | Selling area  营业面积 |
| back\_m2  后台\_m2 | Numeric with 2 decimals  数值含2位小数 | Back room storage chiller + receiving area  后台面积如冷冻储存室及收货区域 |
| front\_m2  前台\_m2 | Numeric with 2 decimals  数值含2位小数 | Cashiers area  收银区 |
| tenant\_m2  租赁\_m2 | Numeric with 2 decimals  数值含2位小数 | Tenant area  租赁面积 |
| common\_area\_m2  共有\_面积\_m2 | Numeric with 2 decimals  数值含2位小数 | Common area  共享区域 |

## txn\_EMPLOYEE\_worked\_HOURS 交易型\_员工\_工作\_小时

This table will store monthly data. Each month BBG will provide the data for each one of the employees indicating the total number of hours worked in each department.

此表格将储存月数据。每个月步步高将提供每一个员工的数据表示在每个大类下的员工工时总计。

现有的HR系统中无法给出每个员工的工作时数。尤其是小时工。正式职工反正是默认每天八小时。  
the current HR system can not provide every employee’s worked hours,especially for hourly workers,and regular employee’s hour is defaulted to be 8 hours per day.

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Last day of the month  每个月的最后一天 |
| full\_name  全\_名 | Text  文本 |  |
| employee\_id  员工\_id | Alphanumeric id  字母数字ID | The Id of the employee  员工ID |
| job\_description\_id  工作\_描述\_id | Alphanumeric id  字母数字ID | From job description master data  取自工作描述主数据 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字ID | From outlet master data.  取自门店主数据 |
| department\_id  部门\_id | Alphanumeric id  字母数字ID | From department master data.  取自部门主数据 |
| hours\_month  小时\_月 | Numeric without decimals  数值不含小数 | Total number of hours worked per department at given month  一个月内每个大类的总计工时 |
| employee\_type  员工\_类型 | 'FT', 'PT', 'SPG'  “全职”“兼职”“促销员” | 'FT'=40 hours per week;  'PT'=hourly paid for any number hours in any week;  'SPG'=hourly workers paid by suppliers  “FT”= 每周40小时  “PT”= 在任何一周内按照实际工时支付工钱  “SPG”=由供应商支付的小时工 |
| start\_date  开始\_日期 | Date  日期 | Date of when employee started working at BBG  当一个员工在步步高开始工作的日期 |
| end\_date  结束\_日期 | Date  日期 | Date of the employee leaves the company.  当一个员工离开公司的日期 |
| Gender 性别 | 'F', 'M' | 'F'= female; 'M'= Male  “F”= 女性  “M”= 男性 |
| date\_of\_birth  生日\_的\_日期 | Date  日期 | yyyy/mm/dd  年/月/日 |

## txn\_outlet\_inventory 交易型\_门店\_库存

This table will contain the state of the inventory for the last day of the month. The inventory can be from a Store or Distribution Center.

此表格将包含每个月最后一天的库存情况。库存可以是来自一个门店或物流中心。

|  |  |  |
| --- | --- | --- |
| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| Date  日期 | Date  日期 | Last day of the month  每个月的最后一天 |
| outlet\_id  门店\_id | Alphanumeric id  字母数字ID | From outlet master data.  取自门店主数据 |
| department\_id  部门\_id | Alphanumeric id  字母数字ID | From department master data.  取自部门主数据 |
| unit\_type  单位\_类型 | 'kg', 'units' |  |
| num\_units  数量\_单位 | Numeric without decimals  数值不含小数 | Indicates the number of Kg or units per department.  表示每个大类的Kg数量或单位数量 |
| retail\_value  零售\_值 | Monetary  货币 | Monetary value excluding taxes per department.  每个大类不含税的货币值 |
| cost\_value  成本\_值 | Monetary  货币 | Monetary value excluding taxes per department.  每个大类不含税的货币值 |

## 交易型\_供应商\_销售 TXN\_supplier\_sales（增加表格）

This table includes the sales by supplier

此表格包括了分供应商的销售状况。  
此表格是否包含了所有的供应商数据，不止是主供应商does it include all the suppliers,not just primary per table 19

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 |
| outlet ID  门店\_ID | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| supplier\_ID  供应商\_ID | Alphanumeric id  字母数字id | Sales supplier code 销售的供应商编码 |
| Product\_ID  商品\_ID | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的销售重量 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the total cost value of supplier’s sales 供应商的销售总成本金额 |

## 交易型\_供应商\_DC 库存 TXN\_supplier\_inventory by DC（增加表格）

此表格包括了分供应商的在DC内的库存状况。  
this table includes all the inventory status by supplier(not just primary supplier) in DC  
此表是否包含所有供应商(不仅仅是主供应商)在DC内的库存数据

如果把这张表添加一个字段分门店和分DC，那么是不是就等是第23张和第22张表格does it include all the suppliers,not just primary,by DC = 23 by store = 22?

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 |
| outlet ID  门店\_ID | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a Distribution Center (DC)  当门店是一个物流中心（DC）时，此标识符必须与门店主数据进行关联 |
| supplier\_ID  供应商\_ID | Alphanumeric id  字母数字id | This is inventory supplier code 库存供应商编码 |
| Product\_ID  商品\_ID | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的库存数量 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the total value of a supplier’s inventory 供应商的库存总成本金额 |

## 交易型\_供应商\_门店 库存 TXN\_supplier\_inventory by store（增加表格）

此表格包括了分供应商在门店的库存状况。  
this table includes all the inventory status by supplier(not just primary supplier)  
此表是否包含所有供应商(不仅仅是主供应商)在门店内的库存数据

如果把这张表添加一个字段分门店和分DC，那么是不是就等是第23张和第22张表格does it include all the suppliers,not just primary,by DC = 23 by store = 22?

| Field 字段 | Type 类型 | Comments / Questions 建议/问题 |
| --- | --- | --- |
| Date  日期 | Date  日期 | Daily data  日数据 |
| outlet ID  门店\_ID | Alphanumeric id  字母数字id | This identifier must be related with the outlet master data when outlet is a store (ST)  当门店是一个门店（营业门店）时，此标识符必须与门店主数据进行关联 |
| supplier\_ID  供应商\_ID | Alphanumeric id  字母数字id | This is inventory supplier code 库存供应商编码 |
| Product\_ID  商品\_ID | Alphanumeric id  字母数字id | This identifier must be related with the SKU code in master product data  此标识符必须与商品主数据的SKU编码进行关联 |
| units\_type  单位\_类型 | 'Kg' or 'units' | Kg or units |
| Quantity  数量 | Numeric  数字 | How many weight or units of the product.  商品的库存数量 |
| cost\_value  成本\_价值 | Monetary  货币 | This is the total value of a supplier’s inventory 供应商的库存总成本金额 |

## END OF DOCUMENT 本文完