Data Warehouse model documentation

Table: Products

Field: product_id

- Type: INTEGER
- Characteristics: PRIMARY KEY
- From: product_id (products)

Field: product_name

- Type: VARCHAR2(255)
- Characteristics: NOT NULL
- From: product_name (products)

Field: product_type

- Type: VARCHAR2(255)
- Characteristics: NOT NULL
- From: product_type (products)

Field: product_value

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: product_value(products)

Field: datetime_upload

- Type: TIMESTAMP
- Characteristics: NOT NULL

Table: Temporal

Field: temporal_id

- Type: INTEGER
- Characteristics: PRIMARY KEY

Field: datetime_creation

- Type: DATE
- Characteristics: NOT NULL
- From: pc_datetime_order (products)

Table: Sales_Fact

Field: temporal_id

- Type: INTEGER
- Characteristics: NOT NULL

Field: product_id

- Type: INTEGER
- Characteristics: NOT NULL

Field: datetime_upload

- Type: TIMESTAMP
- Characteristics: NOT NULL

Field: sf_value

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: sum of the value of the products (products)

Constraint: fk_temporal (FOREIGN KEY)

- Reference Table: Temporal
- Reference Column: temporal_id

Constraint: fk_product (FOREIGN KEY)

- Reference Table: Products
- Reference Column: product_id

Table: Suppliers

Field: suppliers_id

- Type: INTEGER
- Characteristics: PRIMARY KEY
- From: suppliers_id (suppliers)

Field: supplier_name

- Type: VARCHAR2(255)
- Characteristics: NOT NULL
- From: supplier_name (suppliers)

Field: supplier_segment

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: supplier_ segment (suppliers)

Field: delivery_forecast

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: delivery_forecast (suppliers)

Field: datetime_upload

- Type: TIMESTAMP
- Characteristics: NOT NULL

Table: Feedstock

Field: feedstock_id

- Type: INTEGER
- Characteristics: PRIMARY KEY
- From: feedstock_id (feedstock)

Field: feedstock_name

- Type: VARCHAR2(255)
- Characteristics: NOT NULL
- From: feedstock_ name (feedstock)

Field: amount_available

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: amount_available (feedstock)

Field: pc_measurement

- Type: VARCHAR2(2)
- Characteristics: NOT NULL
- From: pc_measurement (feedstock)

Field: datetime_upload

- Type: TIMESTAMP
- Characteristics: NOT NULL

Table: Feedstocks_Offered

Field: suppliers_id

- Type: INTEGER
- Characteristics: NOT NULL
- From: suppliers_id (feedstocks_offered)

Field: feedstock_id

- Type: INTEGER
- Characteristics: NOT NULL
- From: feedstock_id (feedstock)

Field: temporal_id

- Type: INTEGER
- Characteristics: NOT NULL

Field: quantity_offered

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: quantity_offered (feedstocks_offered)

Field: pc_measurement

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: pc_measurement (feedstocks_offered)

Field: value_offered

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: value_offered (feedstocks_offered)

Field: datetime_upload

- Type: TIMESTAMP
- Characteristics: NOT NULL

Constraint: fk_temporal_offer (FOREIGN KEY)

- Reference Table: Temporal
- Reference Column: temporal_id

Constraint: fk_suppliers_offer (FOREIGN KEY)

- Reference Table: Suppliers
- Reference Column: suppliers_id

Constraint: fk_feedstock_offer (FOREIGN KEY)

- Reference Table: Feedstock
- Reference Column: feedstock_id

Table: Feedstocks_Acquired

Field: suppliers_id

- Type: INTEGER
- Characteristics: NOT NULL
- From: suppliers_id (feedstocks_acquired)

Field: feedstock_id

- Type: INTEGER
- Characteristics: NOT NULL
- From: feedstock_id (feedstocks_acquired)

Field: temporal_id

- Type: INTEGER
- Characteristics: NOT NULL

Field: quantity_acquired

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: quantity_acquired (feedstocks_acquired)

Field: pc_measurement

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: pc_measurement (feedstocks_acquired)

Field: time_arrived

- Type: VARCHAR2(30)
- Characteristics: NOT NULL
- From: time_arrived (feedstocks_acquired)

Field: datetime_upload

- Type: TIMESTAMP
- Characteristics: NOT NULL

Constraint: fk_temporal_acquired (FOREIGN KEY)

- Reference Table: Temporal
- Reference Column: temporal_id

Constraint: fk_suppliers_acquired (FOREIGN KEY)

- Reference Table: Suppliers
- Reference Column: suppliers_id

Constraint: fk_feedstock_acquired (FOREIGN KEY)

- Reference Table: Feedstock
- Reference Column: feedstock_id

Table: Feedstock_Utilized

Field: temporal_id

- Type: INTEGER
- Characteristics: NOT NULL

Field: feedstock_id

- Type: INTEGER
- Characteristics: NOT NULL
- From: feedstock_id (feedstocks_utilized)

Field: product_id

- Type: INTEGER
- Characteristics: NOT NULL
- From: product _id (feedstocks_utilized)

Field: feedstock_value

- Type: NUMBER(10,2)
- Characteristics: NOT NULL
- From: feedstock_value(feedstocks_utilized)

Field: datetime_upload

- Type: TIMESTAMP
- Characteristics: NOT NULL

Constraint: fk_temporal_utilized (FOREIGN KEY)

- Reference Table: Temporal
- Reference Column: temporal_id

Constraint: fk_feedstock_utilized (FOREIGN KEY)

- Reference Table: Feedstock
- Reference Column: feedstock_id

Constraint: fk_product_utilized (FOREIGN KEY)

- Reference Table: Products
- Reference Column: product_id