UPDATE DATAWAREHOUSE 2 JUNI 2021

Desain ERD

DimSeller

PK	seller_key	int4
	seller_id	varchar(1024)
	seller_zip_code	int4
	seller_city	varchar(1024)
	seller_state	varchar(1024)

DimCustomer

PK	customer_key	int4
	user_name	varchar(1024)
	customer_zip_code	int4
	customer_city	varchar(1024)
	customer_state	varchar(1024)

DimProducts

PK	product_key	int4
	product_id	varchar(1024)
	product_category	varchar(1024)
	product_name_length	int4
	product_description_length	int4
	product_photos_qty	int4
	product_weight_g	float8
	product_volume_cm3	float8

FactOrder

	order_id	varchar(1024)
	order_item_id	int4
FK	product_key	int4
FK	seller_key	int4
FK	customer_key	int4
FK	feedback_key	int4
	order_status	varchar(1024)
FK	pickup_limit_date_key	int4
FK	pickup_limit_time_key	int4
FK	order_date_key	int4
FK	order_time_key	int4
FK	order_approved_date_key	int4
FK	order_approved_time_key	int4
FK	pickup_date_key	int4
FK	pickup_time_key	int4
FK	delivered_date_key	int4
FK	delivered_time_key	int4
FK	estimated_time_delivery_date_key	int4
FK	estimated_time_delivery_time_key	int4
	price	float8
	shipping_cost	float8
	total_payment	float8
	count_blipay	int4
	total_blipay	float8
	count_credit_card	int4
	total_credit_card	float8
	count_debit_card	fint4
	total_debit_card	float8
	count_voucher	int4
	total_voucher	float8
	count_not_defined	int4
	total_not_defined	float8
	total_payment_sequential	int4
	total_payment_installment	int4
	total_payment_value	float8

DimDate

PK	date_key	int4
	date_id	date
	DayNumberOfWeek	int4
	DayNumberOfMonth	int4
	DayNumberOfYear	int4
	WeekNumberOfYear	int4
	MonthYear	varchar(1024)
	MonthNumberOfYear	int4
	CalendarQuarter	int4
	CalendarYear	int4
	CalendarSemester	int4
	DayName	varchar

DimTime

PK	time_key	int4
	time_id	time
	hour	int4
	minute	int4
	second	int4
	meridiem	varchar(1024)
	time_of_day	varchar(1024)

DimFeedback

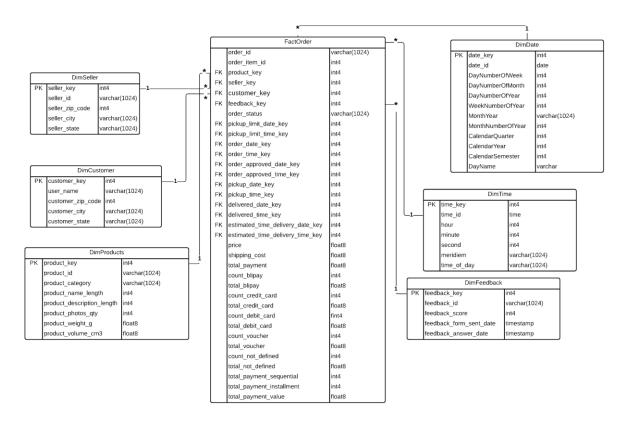| PK	feedback_key	int4
	feedback_id	varchar(1024)
	feedback_score	int4
	feedback_form_sent_date	timestamp
	feedback_answer_date	timestamp

Query Join

FactOrder

ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT factorder_customer_fk FOREIGN KEY (customer_key) REFERENCES datawarehouse."DimCustomer"(customer_key);

ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT factorder_delivered_date_fk FOREIGN KEY (delivered_date_key) REFERENCES datawarehouse."DimDate"(date_key);

ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT factorder_delivered_time_fk FOREIGN KEY (delivered_time_key) REFERENCES datawarehouse."DimTime"(time_key);

```sql
ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT
factorder_estimatedtimedelivery_date_fk FOREIGN KEY
(estimated_time_delivery_date_key) REFERENCES datawarehouse."DimDate"(date_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT
factorder_estimatedtimedelivery_time_fk FOREIGN KEY
(estimated_time_delivery_time_key) REFERENCES datawarehouse."DimTime"(time_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT factorder_feedback_fk
FOREIGN KEY (feedback_key) REFERENCES
datawarehouse."DimFeedback"(feedback_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT factorder_order_date_fk
FOREIGN KEY (order_date_key) REFERENCES datawarehouse."DimDate"(date_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT factorder_order_time_fk
FOREIGN KEY (order_time_key) REFERENCES datawarehouse."DimTime"(time_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT
factorder_orderapproved_date_fk FOREIGN KEY (order_approved_date_key)
REFERENCES datawarehouse."DimDate"(date_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT
factorder_orderapproved_time_fk FOREIGN KEY (order_approved_time_key)
REFERENCES datawarehouse."DimTime"(time_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT factorder_pickup_date_fk
FOREIGN KEY (pickup_date_key) REFERENCES datawarehouse."DimDate"(date_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT
factorder_pickup_time_fk FOREIGN KEY (pickup_time_key) REFERENCES
datawarehouse."DimTime"(time_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT
factorder_pickuplimit_date_fk FOREIGN KEY (pickup_limit_date_key) REFERENCES
datawarehouse."DimDate"(date_key);
```

```sql
ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT
factorder_pickuplimit_time_fk FOREIGN KEY (pickup_limit_time_key) REFERENCES
datawarehouse."DimTime"(time_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT factorder_products_fk
FOREIGN KEY (product_key) REFERENCES datawarehouse."DimProducts"(product_key);


ALTER TABLE datawarehouse."FactOrder" ADD CONSTRAINT factorder_seller_fk
FOREIGN KEY (seller_key) REFERENCES datawarehouse."DimSeller"(seller_key);
```