**MERCH.STYLES\_COLORS**

*Create Stream*

CREATE STREAM STR\_MERCH\_STYLE\_COLORS

(

BUSINESS\_UNIT\_ID VARCHAR,

STYLE\_ID VARCHAR,

COLOR\_ID VARCHAR,

SALES\_COST VARCHAR,

SKU\_GENERATED\_IND VARCHAR,

VENDOR\_COLOR VARCHAR,

SALES\_MARKDOWN VARCHAR,

QTY\_SOLD\_REGULAR VARCHAR,

SALES\_REGULAR VARCHAR,

QTY\_SOLD\_MARKDOWN VARCHAR,

SALES\_PROMOTION VARCHAR,

QTY\_SOLD\_PROMOTION VARCHAR,

VAT\_REGULAR VARCHAR,

VAT\_MARKDOWN VARCHAR,

VAT\_PROMOTION VARCHAR,

COPY\_TO\_REPLENISHMENT\_IND VARCHAR,

EXPLODE\_STYLE\_CLR\_PREPACK\_IND VARCHAR,

GENERATE\_BAR\_CODES VARCHAR,

SEASON\_ID VARCHAR,

PRICE\_STATUS VARCHAR,

COPY\_TO\_WEB VARCHAR,

COPY\_TO\_EXT\_WEB VARCHAR

)

WITH

(

KAFKA\_TOPIC='MERCH.STYLE\_COLORS’,

VALUE\_FORMAT='JSON'

);

*Create Table*

CREATE TABLE TBL\_MERCH\_STYLE\_COLORS

WITH (FORMAT='JSON') AS

SELECT

STYLE\_ID AS STYLE\_ID,

LATEST\_BY\_OFFSET(BUSINESS\_UNIT\_ID) AS BUSINESS\_UNIT\_ID,

LATEST\_BY\_OFFSET(COLOR\_ID) AS COLOR\_ID,

LATEST\_BY\_OFFSET(SALES\_COST) AS SALES\_COST,

LATEST\_BY\_OFFSET(SKU\_GENERATED\_IND) AS SKU\_GENERATED\_IND,

LATEST\_BY\_OFFSET(VENDOR\_COLOR) AS VENDOR\_COLOR,

LATEST\_BY\_OFFSET(SALES\_MARKDOWN) AS SALES\_MARKDOWN,

LATEST\_BY\_OFFSET(QTY\_SOLD\_REGULAR) AS QTY\_SOLD\_REGULAR,

LATEST\_BY\_OFFSET(SALES\_REGULAR) AS SALES\_REGULAR,

LATEST\_BY\_OFFSET(QTY\_SOLD\_MARKDOWN) AS QTY\_SOLD\_MARKDOWN,

LATEST\_BY\_OFFSET(SALES\_PROMOTION) AS SALES\_PROMOTION,

LATEST\_BY\_OFFSET(QTY\_SOLD\_PROMOTION) AS QTY\_SOLD\_PROMOTION,

LATEST\_BY\_OFFSET(VAT\_REGULAR) AS VAT\_REGULAR,

LATEST\_BY\_OFFSET(VAT\_MARKDOWN) AS VAT\_MARKDOWN,

LATEST\_BY\_OFFSET(VAT\_PROMOTION) AS VAT\_PROMOTION,

LATEST\_BY\_OFFSET(COPY\_TO\_REPLENISHMENT\_IND) AS COPY\_TO\_REPLENISHMENT\_IND,

LATEST\_BY\_OFFSET(EXPLODE\_STYLE\_CLR\_PREPACK\_IND) AS EXPLODE\_STYLE\_CLR\_PREPACK\_IND,

LATEST\_BY\_OFFSET(GENERATE\_BAR\_CODES) AS GENERATE\_BAR\_CODES,

LATEST\_BY\_OFFSET(SEASON\_ID) AS SEASON\_ID,

LATEST\_BY\_OFFSET(PRICE\_STATUS) AS PRICE\_STATUS,

LATEST\_BY\_OFFSET(COPY\_TO\_WEB) AS COPY\_TO\_WEB,

LATEST\_BY\_OFFSET(COPY\_TO\_EXT\_WEB) AS COPY\_TO\_EXT\_WEB

FROM STR\_MERCH\_STYLE\_COLORS

GROUP BY STYLE\_ID;

**MERCH.STYLES**

*Create Stream*

CREATE STREAM STR\_MERCH\_STYLES

(

STYLE\_ID VARCHAR,

VENDOR\_ID VARCHAR,

DESCRIPTION VARCHAR,

VENDOR\_STYLE\_NO VARCHAR,

LAST\_RECEIPT\_DATE VARCHAR,

DATE\_CREATED VARCHAR,

LAST\_MODIFIED\_DATE VARCHAR,

DEPARTMENT\_ID1 VARCHAR,

DEPARTMENT\_DESCR1 VARCHAR,

CLASS\_ID1 VARCHAR,

CLASS\_DESCR1 VARCHAR,

SUB\_CLASS\_ID1 VARCHAR,

SUB\_CLASS\_DESCR1 VARCHAR

)

WITH

(

KAFKA\_TOPIC='MERCH.STYLES',

VALUE\_FORMAT='JSON'

);

*Create Table*

CREATE TABLE TBL\_MERCH\_STYLES

WITH (FORMAT='JSON') AS

SELECT

STYLE\_ID AS STYLEID,

LATEST\_BY\_OFFSET(VENDOR\_ID) AS VENDOR\_ID,

LATEST\_BY\_OFFSET(DESCRIPTION) AS DESCRIPTION,

LATEST\_BY\_OFFSET(VENDOR\_STYLE\_NO) AS VENDOR\_STYLE\_NO,

LATEST\_BY\_OFFSET(LAST\_RECEIPT\_DATE) AS LAST\_RECEIPT\_DATE,

LATEST\_BY\_OFFSET(DATE\_CREATED) AS DATE\_CREATED,

LATEST\_BY\_OFFSET(LAST\_MODIFIED\_DATE) AS LAST\_MODIFIED\_DATE,

LATEST\_BY\_OFFSET(DEPARTMENT\_ID1) AS DEPARTMENT\_ID1,

LATEST\_BY\_OFFSET(DEPARTMENT\_DESCR1) AS DEPARTMENT\_DESCR1,

LATEST\_BY\_OFFSET(CLASS\_ID1) AS CLASS\_ID1,

LATEST\_BY\_OFFSET(CLASS\_DESCR1) AS CLASS\_DESCR1,

LATEST\_BY\_OFFSET(SUB\_CLASS\_ID1) AS SUB\_CLASS\_ID1,

LATEST\_BY\_OFFSET(SUB\_CLASS\_DESCR1) AS SUB\_CLASS\_DESCR1

FROM STR\_MERCH\_STYLES

GROUP BY STYLE\_ID;

**ELCAT.CATALOG**

*Create Stream*

CREATE STREAM STR\_ELCAT\_CATALOG

(

STYLEID VARCHAR,

DESC\_ENG VARCHAR,

DESC\_FR VARCHAR,

MARKET\_DESC\_ENG VARCHAR,

MARKET\_DESC\_FR VARCHAR,

UNIT\_PRICE VARCHAR,

BRAND\_NAME\_ENG VARCHAR,

BRAND\_NAME\_FR VARCHAR,

CAREINSTRUCTIONS\_EN VARCHAR,

CAREINSTRUCTIONS\_FR VARCHAR,

SEASON\_CD VARCHAR,

VSN VARCHAR,

SIZE\_DESC\_ENG VARCHAR,

SIZE\_DESC\_FR VARCHAR,

REGULAR\_PRICE VARCHAR,

SALE\_PRICE VARCHAR,

EA\_IND VARCHAR,

RETURNABLE\_IND VARCHAR,

VENDOR\_STOCK\_NUMBER VARCHAR,

INV\_997 VARCHAR

)

WITH

(

KAFKA\_TOPIC='ELCAT.CATALOG',

VALUE\_FORMAT='JSON'

);

*Create Table*

CREATE TABLE TBL\_ELCAT\_CATALOG WITH (FORMAT='JSON', PARTITIONS=1, REPLICAS=3) AS SELECT

STR\_ELCAT\_CATALOG.STYLEID STYLEID,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.DESC\_ENG) DESC\_ENG,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.DESC\_FR) DESC\_FR,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.MARKET\_DESC\_ENG) MARKET\_DESC\_ENG,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.MARKET\_DESC\_FR) MARKET\_DESC\_FR,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.UNIT\_PRICE) UNIT\_PRICE,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.BRAND\_NAME\_ENG) BRAND\_NAME\_ENG,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.BRAND\_NAME\_FR) BRAND\_NAME\_FR,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.CAREINSTRUCTIONS\_EN) CAREINSTRUCTIONS\_EN,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.CAREINSTRUCTIONS\_FR) CAREINSTRUCTIONS\_FR,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.SEASON\_CD) SEASON\_CD,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.VSN) VSN,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.SIZE\_DESC\_ENG) SIZE\_DESC\_ENG,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.SIZE\_DESC\_FR) SIZE\_DESC\_FR,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.REGULAR\_PRICE) REGULAR\_PRICE,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.SALE\_PRICE) SALE\_PRICE,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.EA\_IND) EA\_IND,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.RETURNABLE\_IND) RETURNABLE\_IND,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.VENDOR\_STOCK\_NUMBER) VENDOR\_STOCK\_NUMBER,

LATEST\_BY\_OFFSET(STR\_ELCAT\_CATALOG.INV\_997) INV\_997

FROM STR\_ELCAT\_CATALOG STR\_ELCAT\_CATALOG

GROUP BY STR\_ELCAT\_CATALOG.STYLEID

EMIT CHANGES;

**ELCAT.STYLE\_ITEM\_CHARACTERLISTICS\_ECA**

*Create Stream*

CREATE STREAM STR\_ELCAT\_STYLE\_ITEM\_CHARACTERISTICS\_ECA

(

STYLEID VARCHAR,

CATEGORY VARCHAR,

DESC\_ENG VARCHAR,

DESC\_FR VARCHAR,

UPD\_FLG VARCHAR,

FKORGANIZATIONNO VARCHAR,

CHAR\_TY\_SUB\_TYPE VARCHAR,

CHARACTERISTIC\_TYPE\_ID VARCHAR,

CHARACTERISTIC\_VALUE\_ID VARCHAR,

PREV\_UPD\_FLAG VARCHAR,

LAST\_MODIFIED VARCHAR,

COLOUR\_ID VARCHAR

)

WITH

(

KAFKA\_TOPIC='ELCAT.STYLE\_ITEM\_CHARACTERISTICS\_ECA',

VALUE\_FORMAT='JSON'

);

*Create Table*

CREATE TABLE TBL\_ELCAT\_STYLE\_ITEM\_CHARACTERISTICS\_ECA

WITH (FORMAT='JSON') AS

SELECT

STYLEID AS STYLEID,

LATEST\_BY\_OFFSET(CATEGORY) AS CATEGORY,

LATEST\_BY\_OFFSET(DESC\_ENG) AS DESC\_ENG,

LATEST\_BY\_OFFSET(DESC\_FR) AS DESC\_FR,

LATEST\_BY\_OFFSET(UPD\_FLG) AS UPD\_FLG,

LATEST\_BY\_OFFSET(FKORGANIZATIONNO) AS FKORGANIZATIONNO,

LATEST\_BY\_OFFSET(CHAR\_TY\_SUB\_TYPE) AS CHAR\_TY\_SUB\_TYPE,

LATEST\_BY\_OFFSET(CHARACTERISTIC\_TYPE\_ID) AS CHARACTERISTIC\_TYPE\_ID,

LATEST\_BY\_OFFSET(CHARACTERISTIC\_VALUE\_ID) AS CHARACTERISTIC\_VALUE\_ID,

LATEST\_BY\_OFFSET(PREV\_UPD\_FLAG) AS PREV\_UPD\_FLAG,

LATEST\_BY\_OFFSET(LAST\_MODIFIED) AS LAST\_MODIFIED,

LATEST\_BY\_OFFSET(COLOUR\_ID) AS COLOUR\_ID

FROM STR\_ELCAT\_STYLE\_ITEM\_CHARACTERISTICS\_ECA

GROUP BY STYLEID;

**PRODUCT**

*Create Table*CREATE TABLE TBL\_PRODUCT WITH (KAFKA\_TOPIC='PRODUCT', PARTITIONS=1, REPLICAS=3) AS SELECT

CLOG.STYLEID ID,

CLOG.DESC\_ENG NAME\_EN,

CLOG.DESC\_FR NAME\_FR,

CLOG.MARKET\_DESC\_ENG DESCRIPTION\_EN,

CLOG.MARKET\_DESC\_FR DESCRIPTION\_FR,

CLOG.UNIT\_PRICE UNIT\_PRICE,

CLOG.BRAND\_NAME\_ENG BRAND\_NAME\_ENG,

CLOG.CAREINSTRUCTIONS\_EN CAREINSTRUCTIONS\_EN,

CLOG.CAREINSTRUCTIONS\_FR CAREINSTRUCTIONS\_FR,

CLOG.SEASON\_CD SEASON\_CD,

CLOG.SIZE\_DESC\_ENG SIZE\_DESC\_ENG,

CLOG.SIZE\_DESC\_FR SIZE\_DESC\_FR,

CLOG.REGULAR\_PRICE REGULAR\_PRICE,

CLOG.SALE\_PRICE SALE\_PRICE,

CLOG.VSN VSN,

ECA.CATEGORY ECA\_CATEGORY,

ECA.DESC\_ENG ECA\_DESC\_ENG,

ECA.DESC\_FR ECA\_DESC\_FR

FROM TBL\_ELCAT\_CATALOG CLOG

INNER JOIN TBL\_ELCAT\_STYLE\_ITEM\_CHARACTERISTICS\_ECA ECA ON ((ECA.STYLEID = SUBSTRING(CLOG.STYLEID, 1, 8)))

EMIT CHANGES;

*Oracle Query:*

SELECT

CONCAT(COLORS.STYLE\_ID , COLORS.COLOR\_ID) AS ID,

STYLES.BRAND\_ID AS brandId,

STYLES.BUSINESS\_UNIT\_ID AS businessUnitId,

STYLES.SALES\_COST AS salesCost,

STYLES.CONSIGNMENT\_IND AS consignmentInd,

STYLES.LOCAL\_FIRST\_COST AS localFirstCost,

STYLES.CREATED\_BY AS createdBy,

STYLES.CURRENCY\_ID AS currency,

STYLES.EDI\_852\_IND AS edi852Ind,

STYLES.RECEIVED\_LANDED\_COST AS receivedLandedCost,

STYLES.LANDED\_COST\_ID AS landedCostId,

STYLES.DESCRIPTION AS posDescription,

STYLES.CREATED\_BY AS createdBy,

STYLES.DATE\_CREATED AS createdAt,

STYLES.STYLE\_ID AS slugEn,

STYLES.STYLE\_ID AS slugFr,

STYLES.TAX\_CATEGORY\_ID AS taxCategoryId,

STYLES.TICKET\_FORMAT\_ID AS ticketFormatId,

STYLES.VENDOR\_ID AS vendorId,

STYLES.PRINT\_TICKETS\_AT\_RECEIVING\_IND AS printTicketsAtReceivingInd,

COLORS.VENDOR\_COLOR AS vendorColour,

ECA\_FIT.DESC\_ENG AS attributeFit,

ECA\_CUFF\_TYPE.DESC\_ENG AS attributeCuffType,

ECA\_SLEEVE.DESC\_ENG AS attributeSleeveLength,

ECA\_PATTERN.DESC\_ENG AS attributePattern,

ECA\_FABRIC.DESC\_ENG AS attributeFabric,

ECA\_SHOULDER\_STYLE.DESC\_ENG AS attributeShoulderstyle,

ECA\_BODY\_CONSTRUCTION.DESC\_ENG AS attributeBodyConstruction,

CLOG.BRAND\_NAME\_ENG AS brandNameEN,

CLOG.BRAND\_NAME\_FR AS brandNameFR,

CLOG.CLASS AS classId,

CLOG.COLOUR\_DESC\_ENG AS colourDescEng,

CLOG.COLOUR\_DESC\_FR AS colourDescFr,

CLOG.COLORID AS colorId,

CLOG.REGULAR\_PRICE AS originalPrice,

CLOG.SUBDEPT AS departmentId,

CLOG.RETURNABLE\_IND AS isReturnable,

CLOG.COLOUR\_DESC\_ENG AS colourDescEN,

CLOG.COLOUR\_DESC\_FR AS colourDescFR,

CLOG.WEBSTATUS AS webstatus,

CLOG.VENDOR\_STOCK\_NUMBER AS vendorStockNumber,

CLOG.PUBLISHED\_TO\_WEB AS publishedToWeb,

CLOG.VSN AS vsn,

CLOG.SALE\_PRICE AS salePrice,

CLOG.SEASON\_CD AS seasonId

FROM MERCH.STYLE\_COLORS COLORS

INNER JOIN MERCH.STYLES STYLES ON (STYLES.STYLE\_ID = COLORS.STYLE\_ID)

LEFT OUTER JOIN ELCAT.CATALOG CLOG ON (COLORS.STYLE\_ID = CLOG.STYLEID)

LEFT OUTER JOIN ELCAT.STYLE\_ITEM\_CHARACTERISTICS\_ECA ECA\_FIT ON ((COLORS.STYLE\_ID = ECA\_FIT.STYLEID) AND (ECA\_FIT.CATEGORY= 'Fit'))

LEFT OUTER JOIN ELCAT.STYLE\_ITEM\_CHARACTERISTICS\_ECA ECA\_CUFF\_TYPE ON (COLORS.STYLE\_ID = ECA\_CUFF\_TYPE.STYLEID AND ECA\_CUFF\_TYPE.CATEGORY= 'Cuff')

LEFT OUTER JOIN ELCAT.STYLE\_ITEM\_CHARACTERISTICS\_ECA ECA\_SLEEVE ON (COLORS.STYLE\_ID = ECA\_SLEEVE.STYLEID AND ECA\_SLEEVE.CATEGORY= 'Sleeve')

LEFT OUTER JOIN ELCAT.STYLE\_ITEM\_CHARACTERISTICS\_ECA ECA\_PATTERN ON (COLORS.STYLE\_ID = ECA\_PATTERN.STYLEID AND ECA\_PATTERN.CATEGORY= 'Pattern')

LEFT OUTER JOIN ELCAT.STYLE\_ITEM\_CHARACTERISTICS\_ECA ECA\_FABRIC ON (COLORS.STYLE\_ID = ECA\_FABRIC.STYLEID AND ECA\_FABRIC.CATEGORY= 'Fabric')

LEFT OUTER JOIN ELCAT.STYLE\_ITEM\_CHARACTERISTICS\_ECA ECA\_SHOULDER\_STYLE ON (COLORS.STYLE\_ID = ECA\_SHOULDER\_STYLE.STYLEID AND ECA\_SHOULDER\_STYLE.CATEGORY= 'Shoulder Style')

LEFT OUTER JOIN ELCAT.STYLE\_ITEM\_CHARACTERISTICS\_ECA ECA\_BODY\_CONSTRUCTION ON (COLORS.STYLE\_ID = ECA\_BODY\_CONSTRUCTION.STYLEID AND ECA\_BODY\_CONSTRUCTION.CATEGORY= 'Body Construction')

WHERE ROWNUM < 30