

핸즈온 랩 4

DYNAMODB를 활용하여 구매내역 조회 서비스 전환하기 - MIGRATION

```
insert into PURCHASE_DYNAMODB_FORMAT
SELECT
  c.customerid, pc.purchaseid, pc.purchasedate, c.name, c.address,
  MAX(case when purchaseseq = 1 then purchaseseq else 0 end) PURCHASE_SEQ_1,
  MAX(case when purchaseseq = 1 then pd.productname else '' end) PRODUCT_NAME_1,
  MAX(case when purchaseseq = 1 then pd.price else 0 end) PRODUCT_PRICE_1,
  MAX(case when purchaseseq = 1 then pc.quantity else 0 end) QUANTITY_1,
  MAX(case when purchaseseq = 1 then s.telnumber else '' end) SELLER_TEL_NUMBER_1,
  MAX(case when purchaseseq = 2 then purchaseseq else 0 end) PURCHASE_SEQ_2,
  MAX(case when purchaseseq = 2 then pd.productname else '' end) PRODUCT_NAME_2,
  MAX(case when purchaseseq = 2 then pd.price else 0 end) PRODUCT_PRICE_2,
  MAX(case when purchaseseq = 2 then pc.quantity else 0 end) QUANTITY_2,
  MAX(case when purchaseseq = 2 then s.telnumber else '' end) SELLER_TEL_NUMBER_2,
  MAX(case when purchaseseq = 3 then purchaseseq else 0 end) PURCHASE_SEQ_3,
  MAX(case when purchaseseq = 3 then pd.productname else '' end) PRODUCT_NAME_3,
  MAX(case when purchaseseq = 3 then pd.price else 0 end) PRODUCT_PRICE_3,
  MAX(case when purchaseseq = 3 then pc.quantity else 0 end) QUANTITY_3,
  MAX(case when purchaseseq = 3 then s.telnumber else '' end) SELLER_TEL_NUMBER_3
FROM purchase pc
  INNER JOIN customer c
  ON pc.customerid = c.customerid
  INNER JOIN product pd
  ON pc.productid = pd.productid
  INNER JOIN seller s
  ON pd.sellerid = s.sellerid
group by c.customerid, pc.purchaseid, pc.purchasedate, c.name, c.address;
```

스테이징 테이블 구성



DMS

```
{
  "customer_id": "97877",
  "purchase_id": "97877",
  "purchase_details": {
    "CUSTOMER_ADDRESS": "OUVFWLAIIEKUOTUGAGOXICQMRHYADTPQNRVSVZDIZESADLJAI",
    "PRODUCT_PRICE_1": "454000",
    "PRODUCT_NAME_1": "IFVYWNSSWNONFIHSYVZVUMEOTIRBKZVLXOPUXTPWFFUYTOYJRAKNSRQCMAHMNDUBEHCCXOUBUTNADXLIBPDQMNLAQB JHTQXJCAV",
    "PRODUCT_NAME_2": "IFVYWNSSWNONFIHSYVZVUMEOTIRBKZVLXOPUXTPWFFUYTOYJRAKNSRQCMAHMNDUBEHCCXOUBUTNADXLIBPDQMNLAQB JHTQXJCAV",
    "PRODUCT_PRICE_2": "454000",
    "PRODUCT_NAME_3": "IFVYWNSSWNONFIHSYVZVUMEOTIRBKZVLXOPUXTPWFFUYTOYJRAKNSRQCMAHMNDUBEHCCXOUBUTNADXLIBPDQMNLAQB JHTQXJCAV",
    "PRODUCT_PRICE_3": "454000",
    "SELLER_TEL_NUMBER_3": "YSZHAIHDFLNMKBCJELIY",
    "SELLER_TEL_NUMBER_2": "YSZHAIHDFLNMKBCJELIY",
    "SELLER_TEL_NUMBER_1": "YSZHAIHDFLNMKBCJELIY",
    "CUSTOMER_NAME": "IFJUTZGJCW",
    "QUANTITY_3": "1",
    "QUANTITY_2": "1",
    "QUANTITY_1": "1"
  }
}
```