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DB
      Lab
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Matrix Num: B23CS0056
Section: 02
 SQL 蓋4-DML3 PART 1
part 1: Create Natural Joins
1. SELECT
           sales - representatives NATURAL JOIN sales - rep- addresses;
2. SELECT id, first_name, last_name, address_line_1, address_line_2, city,
            email, phone_number
   From sales_representatives NATURAL JOIN sales_rep_addresses;
 part 2: create join with Using clause.
1. SELECT id, first-name, last-name, addres-line-1, address-line-2, city,
            email, phone - number
 FROM gales_representatives
   JOIN sales_rep_addresses USING (id);
2. SELECT *
   FROM items
   JOIN price_history USING (itm_number);
part 3: create join with ON clause.
1. SELECT c.ctr_number, c.first_name, c.last_name, c.phone_number, c.email,
              s.id, s.first_name, s. lost_name, s.email
   FROM customers c JOIN sales_representatives s
   ON (c.gre_id = s.id);
part 4: create three-way join with UN clause.
   SELECT c.ctr_number, c.first_name, c.last_name, c.phone_number, c.email, s.id,
            s.first_name, c.lost_none, s.enail, t. name
   FROM customers c JOIN sales_representatives s
   ON c. sre_id = s.id
   JOIN teams t
   ON c.ten_id = t.id;
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part 5: Apply additional condition to a join.
1. SELECT c.ctr_number, c.first_name, c.lost_name, c.phone_number, c.email, s.id,
             s. first_name, s. lact_name, g. email, t. name
   From customers c JOIN cales_representatives s
   ON e.sre_id = c.id
   JOIN feams +
   ON c.ten_id = t.id
   AND c.ctr_number = c00001;
part 6: Retrieving records with nonequijoins
1. SELECT 'The cost of the 'll i.namell' on this day was 'll p.price
  As iten-cost
  FROM items : JOIN price_history
 ON i. itm_number = p. itm_number
  JOIN inventory-liet il
  bi-tli.i = bi.li MO
  AND i.ifm_number = im 01101045' AND p. start - date L= 12 Dec 16'
  AND pend-date >= 12 Dec 16;
  SQL 4-DML 3 PART 2
part 1: self-join
 1. SELECT rep. first-name 11 '11 rep. last-name "Rep", super. first-name 11
   Il super. last_name "Supervisor"
   FROM sales - representatives rep JOIN sales representatives super
   ON rep. supervisor_id = super.id;
part 2: Outer joins (Right/Left | Full)
1. SELECT *
  FROM feams & FULL DUTER JOIN customers C
ON tid = c. tem-id;
part 3: Generate a cartesian product.
1. SELECT X
   FROM customers, sales-representatives;
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