

- Price comparison of course 'X'
  - SELECT course\_name, platform, price, RANK()  
OVER (PARTITION BY course\_name ORDER BY price ASC) AS Price\_Rank  
FROM course\_bucket;
- Get course description of course 'X'
  - SELECT course\_description  
FROM course\_bucket  
WHERE course\_name = 'X';
- Get all courses sorted by price that belongs to a topic 'T'
  - SELECT \* FROM course\_bucket  
WHERE course\_name LIKE "%T%"  
ORDER BY price;
- Get courses within a specific price range ( $p1 < p < p2$ ) that belongs to a topic 'T'
  - SELECT \* FROM course\_bucket  
WHERE price > p1 AND price < p2 AND  
course\_name LIKE "%T%";
- Get all free courses available for a topic 'T'
  - SELECT \*  
FROM course\_bucket  
WHERE course\_name LIKE "%T%" AND price = 0 ;
- Get the url of the course 'X' and its price, from university 'Y'
  - SELECT course\_url, price  
FROM course\_bucket  
WHERE course\_name = 'X' AND university = 'Y';