

Query Report - Similar Products Page

Before indices - small DB (1000 100 1000 10000)

11 sec, 9.47 sec, 9.98 sec → 10.15 sec

Before indices - large DB (1000 100 10000 10000000)

> 30 min

After indices - small DB

9.50 sec, 9.18 sec, 9.64 sec → 9.44 sec

After indices - large DB

> 30 min

Query 1:

```
SELECT uid,
      pid,
      productname,
      COALESCE(spent, 0) AS spent
FROM
  (SELECT b.uid,
    b.pid,
    b.productname,
    a.spent
  FROM
    (SELECT u.id AS uid,
      o.product_id AS pid,
      SUM(o.price * o.quantity) AS spent
    FROM users u,
      orders o
    WHERE o.user_id = u.id
    GROUP BY uid,
      pid
    ORDER BY pid) a
  FULL OUTER JOIN
    (SELECT u.id AS uid,
      p.id AS pid,
      p.name AS productname
    FROM users u,
      products p) b ON a.uid = b.uid
  AND a.pid = b.pid
  ORDER BY pid,
    uid) a
```

Query 2:

```
SELECT COUNT(*)
FROM users;
```