


S02-L01


Intro: Coding style and
conventions

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- Style = HOW
- Conventions = WHAT
- Why is it important?
- Difference between an ugly and beautiful query
- My personal best practices

```
insert into bi_data.valid_offers (offer_id, hotel_id, price_usd, original_price, original_currency_code,  
    checkin_date, checkout_date, breakfast_included_flag, valid_from_date, valid_to_date)  
select of.id, of.hotel_id, of.sellings_price as price_usd, of.sellings_price as original_price,  
    lc.code AS original_currency_code, of.checkin_date, of.checkout_date, of.breakfast_included_flag,  
    of.valid_from_date, of.valid_to_date  
from ente_data.offer_cleanse_date_fix of, primary_data.lst_currency lc  
where of.currency_id=1 and lc.id=1;
```





```

SELECT /* Select last department of employees */
  `employee`.`id` AS employee_id,
  CONCAT(`employee`.`first_name`, ' ', `employee`.`last_name`) AS employee_full_name,
  `department`.`id` AS department_id,
  `department`.`name` AS last_department_name

FROM `sample_staff`.`employee`

INNER JOIN (
  SELECT /* Select the last department ID per employee */
    `department_employee_rel`.`employee_id`,
    MAX(`department_employee_rel`.`id`) AS max_id
  FROM `sample_staff`.`department_employee_rel`
  WHERE 1=1
    AND `department_employee_rel`.`deleted_flag` = 0
  GROUP BY
    `department_employee_rel`.`employee_id`
) `department_employee_rel_max` ON 1=1
  AND `department_employee_rel_max`.`employee_id` = `employee`.`id`

INNER JOIN `sample_staff`.`department_employee_rel` ON 1=1
  AND `department_employee_rel`.`id` = `department_employee_rel_max`.`max_id`
  AND `department_employee_rel`.`deleted_flag` = 0 /* Make sure to exclude deleted entities */

INNER JOIN `sample_staff`.`department` ON 1=1
  AND `department`.`id` = `department_employee_rel`.`department_id`
  AND `department`.`deleted_flag` = 0 /* Make sure to exclude deleted entities */

WHERE 1=1
  AND `employee`.`id` IN (10010, 10040, 10050, 91050, 205357) /* A list of employee_id's */
  AND `employee`.`deleted_flag` = 0 /* Make sure to exclude deleted entities */

```