SELECT COUNT(DISTINCT order\_id) AS department\_count

FROM order\_products

LEFT JOIN products

ON order\_products.product\_id=products.product\_id

GROUP BY department\_id

SELECT COUNT(DISTINCT order\_id) AS aisle\_count

FROM order\_products

LEFT JOIN products

ON order\_products.product\_id=products.product\_id

GROUP BY aisle\_id

select count(order\_id) AS order\_count,department\_id,aisle\_id

FROM order\_products

LEFT JOIN products

ON order\_products.product\_id=products.product\_id

GROUP BY department\_id,aisle\_id

Order BY department\_id,order\_count DESC