**13. Which customers have spent more than the average total customer spending? Return their full name, total amount spent, and how much they spent over the average.**

WITH customer\_totals AS (

SELECT

c.customer\_id,

c.first\_name,

c.last\_name,

SUM(i.total) AS total\_spent

FROM customer c

JOIN invoice i ON c.customer\_id = i.customer\_id

GROUP BY c.customer\_id, c.first\_name, c.last\_name

),

average\_spending AS (

SELECT AVG(total\_spent) AS avg\_spent

FROM customer\_totals

)

SELECT

ct.customer\_id,

ct.first\_name,

ct.last\_name,

ct.total\_spent,

ct.total\_spent - a.avg\_spent AS amount\_above\_avg

FROM customer\_totals ct

CROSS JOIN average\_spending a

WHERE ct.total\_spent > a.avg\_spent

ORDER BY amount\_above\_avg DESC;

