--SUBQUERY 1

WITH cte1 AS

(SELECT fd.user\_id, ud.name,

SUM(CASE WHEN EXTRACT(YEAR FROM date)=2020 THEN price ELSE 0 END) AS sales\_2020,

SUM(CASE WHEN EXTRACT(YEAR FROM date)=2021 THEN price ELSE 0 END) AS sales\_2021,

SUM(CASE WHEN EXTRACT(YEAR FROM date)=2022 THEN price ELSE 0 END) AS sales\_2022,

SUM(CASE WHEN EXTRACT(YEAR FROM date)=2023 THEN price ELSE 0 END) AS sales\_2023

FROM flight\_dataset AS fd

LEFT JOIN user\_dataset AS ud

ON fd.user\_id=ud.user\_id

GROUP BY fd.user\_id, ud.name)

--PARENT QUERY

SELECT user\_id, name, sales\_2020, sales\_2021, sales\_2022, sales\_2023

FROM cte1

WHERE (cte1.sales\_2020 - cte1.sales\_2021) > 10000 AND

(cte1.sales\_2021 - cte1.sales\_2022) > 10000 AND

(cte1.sales\_2022 - cte1.sales\_2023) > 10000

ORDER BY user\_id ASC