-- Chart 5: DEX volume and active swappers (monthly)

SELECT

DATE\_TRUNC('month', block\_timestamp) AS month,

COUNT(DISTINCT origin\_from\_address) AS active\_swappers,

SUM(COALESCE(amount\_in\_usd, 0)) AS total\_volume\_usd,

SUM(COALESCE(amount\_in\_usd, 0)) / 1e9 AS total\_volume\_billions,

AVG(COALESCE(amount\_in\_usd, 0)) AS avg\_swap\_size,

COUNT(\*) AS total\_swaps

FROM ETHEREUM.DEFI.EZ\_DEX\_SWAPS

WHERE block\_timestamp >= '2023-01-01'

AND block\_timestamp < '2025-09-01'

AND amount\_in\_usd BETWEEN 0.1 AND 1e9

AND amount\_in\_usd IS NOT NULL

GROUP BY 1

ORDER BY 1