-- Chart 2: Monthly active addresses and transactions by category

WITH monthly\_activity AS (

-- DEX Trading

SELECT

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

'DEX Trading' AS category,

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

COUNT(\*) AS transactions

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, 2

UNION ALL

-- Lending Deposits

SELECT

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

'Lending Deposits' AS category,

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

COUNT(\*) AS transactions

FROM ETHEREUM.DEFI.EZ\_LENDING\_DEPOSITS

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

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

AND amount\_usd BETWEEN 0.1 AND 1e9

AND amount\_usd IS NOT NULL

GROUP BY 1, 2

UNION ALL

-- Lending Borrows

SELECT

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

'Lending Borrows' AS category,

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

COUNT(\*) AS transactions

FROM ETHEREUM.DEFI.EZ\_LENDING\_BORROWS

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

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

AND amount\_usd BETWEEN 0.1 AND 1e9

AND amount\_usd IS NOT NULL

GROUP BY 1, 2

UNION ALL

-- Bridge Activity

SELECT

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

'Bridge Activity' AS category,

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

COUNT(\*) AS transactions

FROM ETHEREUM.DEFI.EZ\_BRIDGE\_ACTIVITY

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

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

AND amount\_usd BETWEEN 0.1 AND 1e9

AND amount\_usd IS NOT NULL

GROUP BY 1, 2

UNION ALL

-- NFT Sales

SELECT

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

'NFT Sales' AS category,

COUNT(DISTINCT buyer\_address) AS active\_addresses,

COUNT(\*) AS transactions

FROM ETHEREUM.NFT.EZ\_NFT\_SALES

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

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

AND price\_usd BETWEEN 0.1 AND 1e9

AND price\_usd IS NOT NULL

AND event\_type IN ('sale', 'bid\_won')

GROUP BY 1, 2

)

SELECT

month,

category,

active\_addresses,

transactions

FROM monthly\_activity

ORDER BY month, category