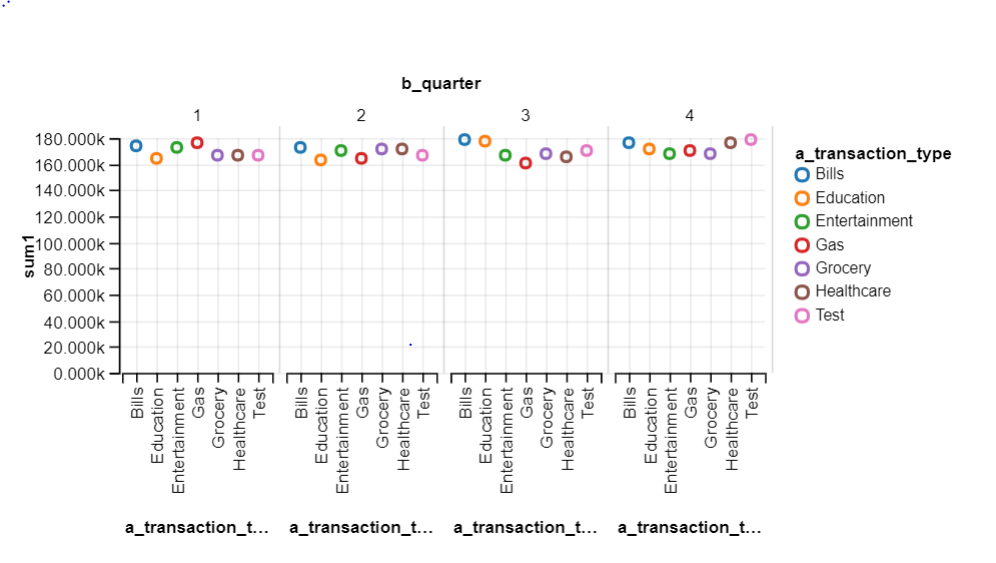
2) Find total transaction value for each transaction type by Quarter in 2018



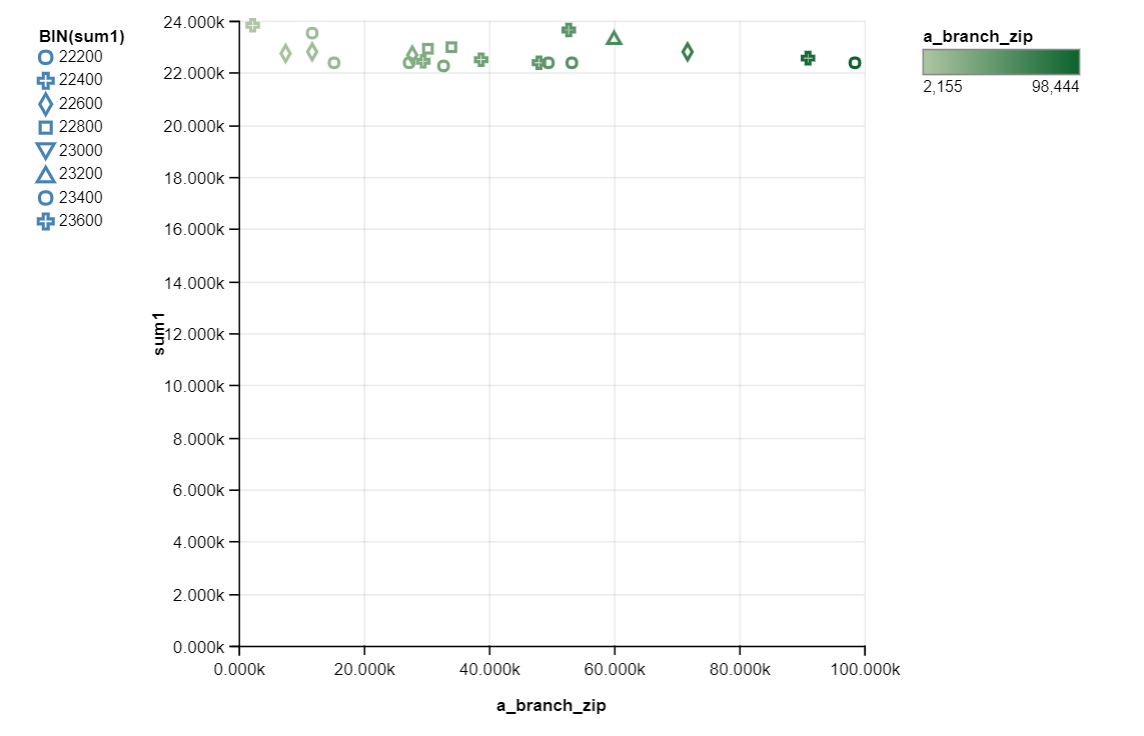
select sum(a.transaction\_value) as sum1,a.transaction\_type,b.quarter

from CDW\_SAPP\_F\_CREDIT\_CARD a join CDW\_SAPP\_D\_Time b

on a.transaction\_id = b.transaction\_id

group by b.quarter,a.transaction\_type;

1) Find the top 20 zip codes(hint: branch\_zip) by total transaction value



select a.branch\_zip,sum(b.transaction\_value) as sum1

from CDW\_SAPP\_D\_BRANCH a join CDW\_SAPP\_F\_CREDIT\_CARD b

on a.branch\_code = b.branch\_code

group by a.branch\_zip

order by sum1 desc

limit 20