1. For different category of acquirers, what is the average number of months since the inception of the acquired company after which they are acquired.​

SELECT

acq.acquirer\_category\_code,

AVG(

(CAST(acq.acquired\_at AS DATE) - CAST(comp.first\_funding\_at AS DATE))/30

) AS average

FROM

tutorial.crunchbase\_companies AS comp

INNER JOIN

tutorial.crunchbase\_acquisitions AS acq

WHERE

acq.acquirer\_category\_code IS NOT NULL

ON

acq.company\_permalink = comp.permalink

GROUP BY

acq.acquirer\_category\_code

Graphical user interface

Description automatically generated

1. Is there any trend for quarters when more companies are acquired ?

SELECT

RIGHT(acquired\_quarter,2) AS Quater,

COUNT(company\_permalink) AS cnt

FROM

tutorial.crunchbase\_acquisitions

GROUP BY

Quater

ORDER BY

cnt DESC;

Graphical user interface, text

Description automatically generated

1. For each company\_category\_code identify the average raised\_amount\_usd per quarter​

SELECT

company\_category\_code,

RIGHT( funded\_quarter,2) AS quater,

AVG(raised\_amount\_usd)

FROM

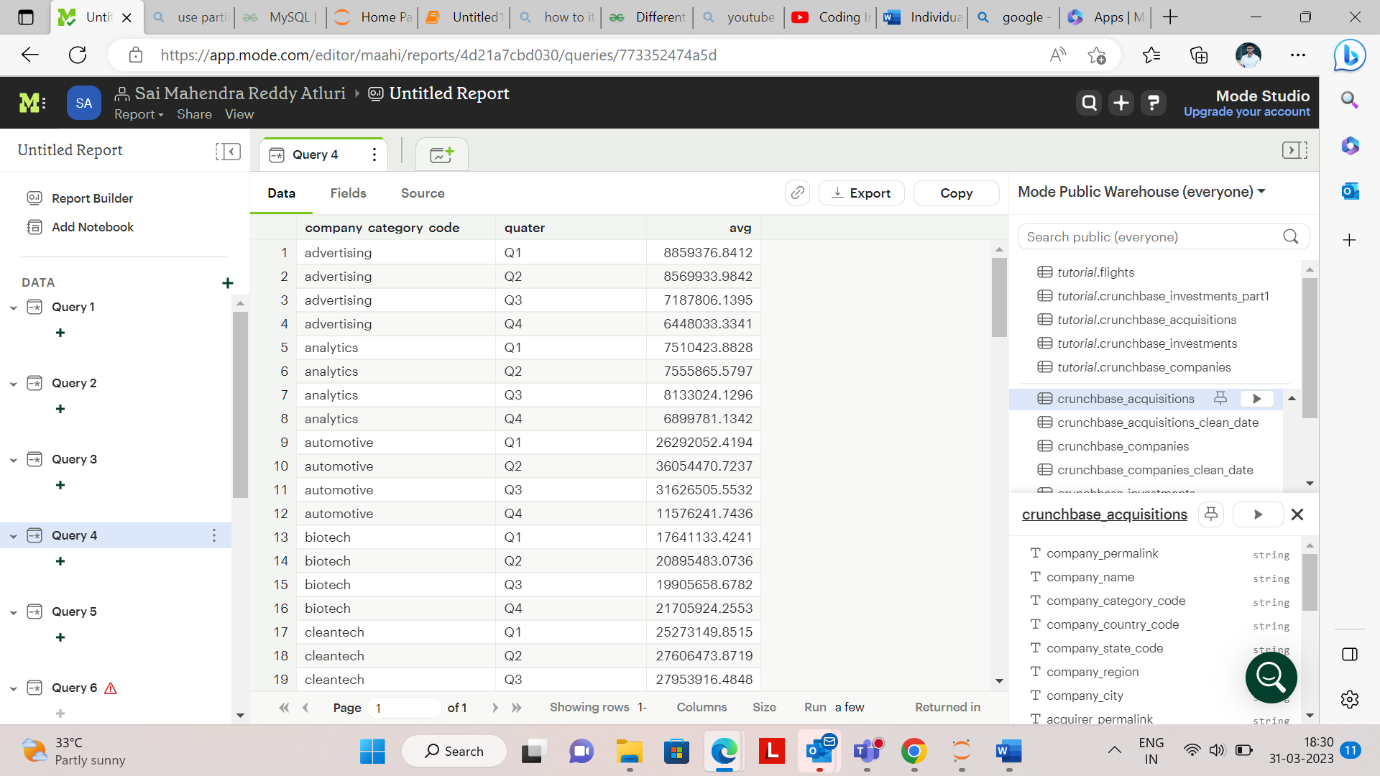
tutorial.crunchbase\_investments

WHERE

funded\_quarter IS NOT NULL AND raised\_amount\_usd IS NOT NULL

GROUP BY

company\_category\_code,quater



1. Which investor (company ) is more likely to invest in USA based companies?​

SELECT

investor\_name,

COUNT(company\_name) AS cnt

FROM

tutorial.crunchbase\_investments

WHERE

company\_country\_code LIKE 'USA' AND

investor\_name IS NOT NULL

GROUP BY

investor\_name

ORDER BY

cnt DESC;

Graphical user interface

Description automatically generated

1. For different type of funding rounds, what is the average raised amount per quarter​

SELECT

funding\_round\_type,

RIGHT(funded\_quarter,2) AS quarter,

AVG (raised\_amount\_usd)

FROM

tutorial.crunchbase\_investments

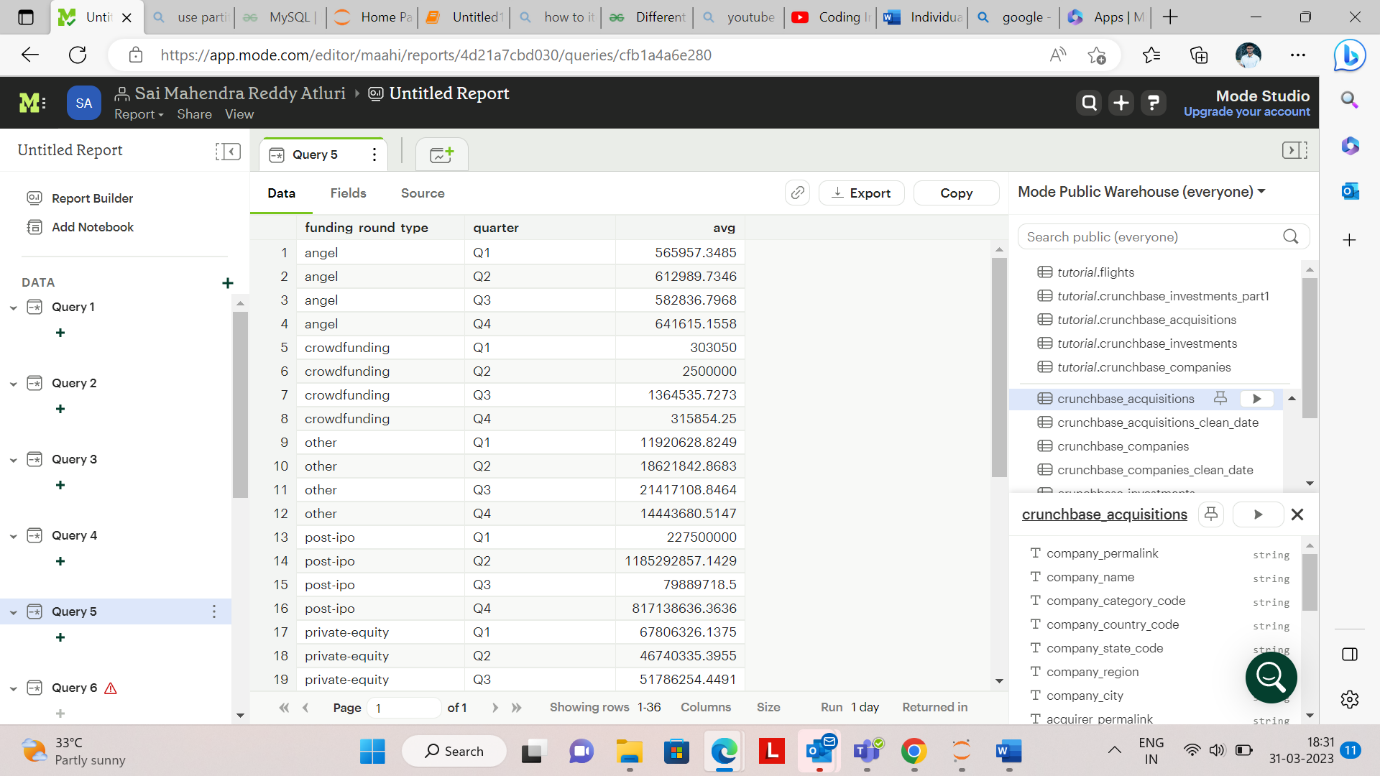
WHERE

funding\_round\_type IS NOT NULL

GROUP BY

funding\_round\_type,

quarter;



6. Identify companies that received an investment from Japan following an investment from Great Britain where investor is finance category company​

SELECT

s.company\_name

FROM(

SELECT

company\_name,

investor\_category\_code,

investor\_country\_code,

LEAD(investor\_country\_code) OVER(ORDER BY CAST(funded\_at AS DATE)) AS next

FROM

tutorial.crunchbase\_investments

) AS s

WHERE

s.investor\_category\_code LIKE ('finance') AND

s.investor\_country\_code IN ('JPN') AND

s.next LIKE('GBR');

Graphical user interface, text

Description automatically generated

1. Out  of all 'operating' status companies, which category of companies have the highest average funding\_total\_usd?​

SELECT

category\_code,

AVG( funding\_total\_usd) AS average

FROM

tutorial.crunchbase\_companies

WHERE

status LIKE 'operating' AND funding\_total\_usd IS NOT NULL AND category\_code IS NOT NULL

GROUP BY

category\_code

ORDER BY

average DESC;

Graphical user interface, text

Description automatically generated

1. For each category, what percent of companies received funding within 3 years of their founding?​

SELECT

category\_code,

(COUNT(CASE WHEN (CAST(first\_funding\_at AS DATE) - CAST(founded\_at AS DATE))/365 <= 3 THEN 1 END) \*100) / COUNT(\*) AS percentage

FROM

tutorial.crunchbase\_companies

WHERE

category\_code is NOT NULL

GROUP BY

category\_code;

Graphical user interface

Description automatically generated

1. Clean the 'last\_funding\_at' column (convert it to time stamp) and get the time difference with the current time.​

SELECT

CAST(last\_funding\_at AS timestamp) AS las,

(NOW() - CAST(last\_funding\_at AS timestamp)) AS time\_difference

FROM

tutorial.crunchbase\_companies;

Graphical user interface, text, application

Description automatically generated

1. Provide additional analysis based on the data in crunchbase tables​.

SELECT

COUNT(DISTINCT company\_name) AS no\_of\_invested\_companies,

investor\_name

FROM

tutorial.crunchbase\_investments

GROUP BY

investor\_name

ORDER BY

no\_of\_invested\_companies DESC;

Y Combinator , SV Angel are the top investors investing in 400+ companies.

