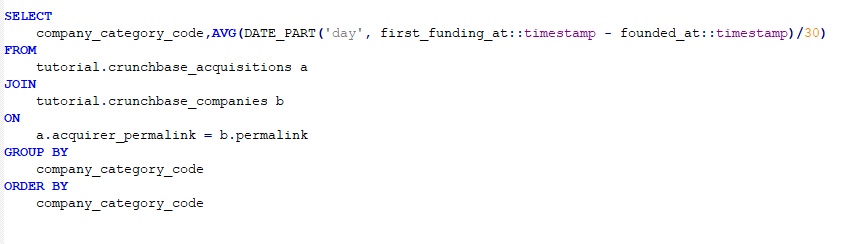
**Q1 For different category of acquirers, what is the average number of months since the inception of the acquired company after which they are acquired**



Table

Description automatically generated

**Q2 Is there any trend for quarters when more companies are acquired**

Graphical user interface, text, application

Description automatically generated

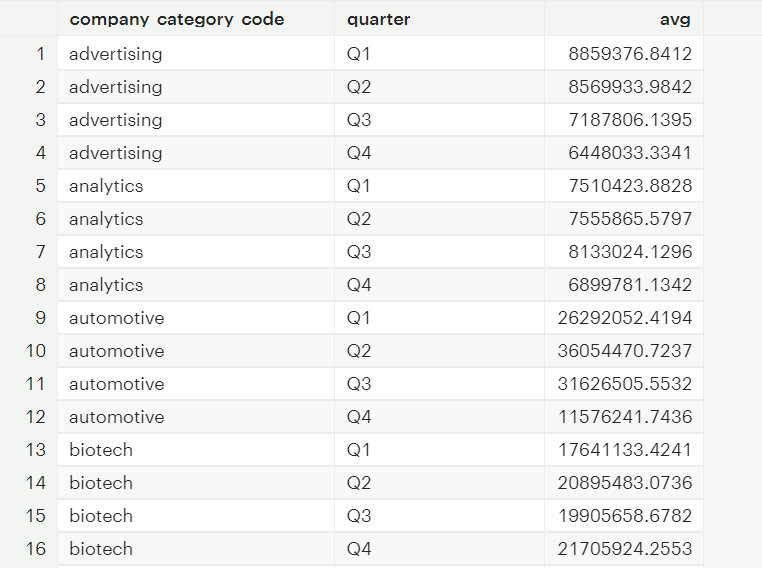
Table

Description automatically generated

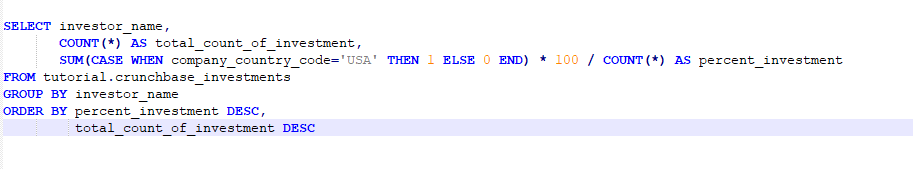
**Q3 For each company\_category\_code identify the average raised\_amount\_usd per quarter**

Text

Description automatically generated



**Q4 Which investor (company ) is more likely to invest in USA based companies?**



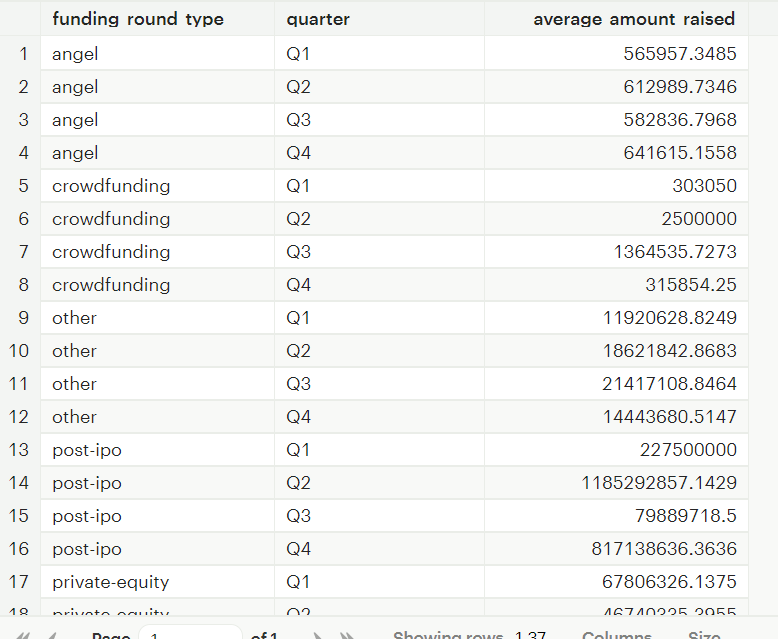
Table

Description automatically generated

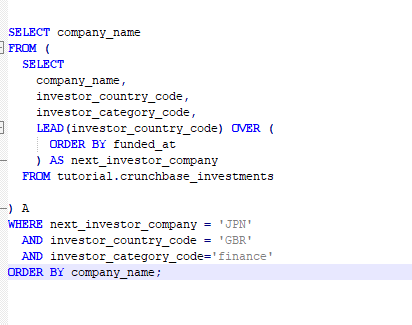
**Q5 For different type of funding rounds, what is the average raised amount per quarter**

Graphical user interface, text, application

Description automatically generated



**Q6 Identify companies that received an investment from Japan following an investment from Great Britain where investor is finance category company**



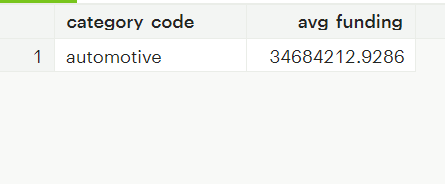
Graphical user interface, text, application, chat or text message

Description automatically generated

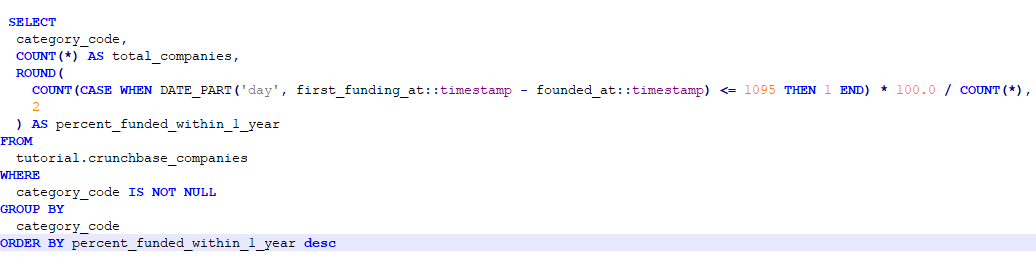
**Q7 Out of all 'operating' status companies, which category of companies have the highest average funding\_total\_usd?**

Graphical user interface, text, application, email

Description automatically generated



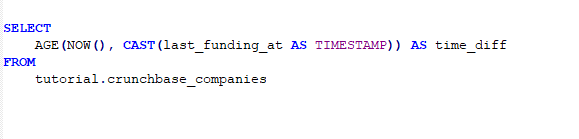
**Q8 For each category, what percent of companies received funding within 3 years of their founding?**



Table

Description automatically generated

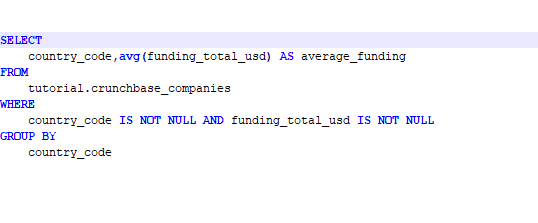
**Q9 Clean the 'last\_funding\_at' column (convert it to time stamp) and get the time difference with the current time.**



Table

Description automatically generated

Q10 . Average Funding based on Countries



Table

Description automatically generated

**Q1 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 company\_category\_code,AVG((DATE\_PART('year',CAST(acquired\_at AS DATE)) - DATE\_PART('year', CAST(founded\_at AS DATE))) \* 12 +

(DATE\_PART('month',CAST(acquired\_at AS DATE)) - DATE\_PART('month', CAST(founded\_at AS DATE))))

FROM tutorial.crunchbase\_acquisitions

JOIN tutorial.crunchbase\_companies

ON tutorial.crunchbase\_acquisitions.acquirer\_permalink = tutorial.crunchbase\_companies.permalink

GROUP BY company\_category\_code

SELECT

company\_category\_code,AVG(DATE\_PART('day', first\_funding\_at::timestamp - founded\_at::timestamp)/30)

FROM

tutorial.crunchbase\_acquisitions a

JOIN

tutorial.crunchbase\_companies b

ON

a.acquirer\_permalink = b.permalink

GROUP BY

company\_category\_code

ORDER BY

company\_category\_code

**Q2 Is there any trend for quarters when more companies are acquired**

SELECT

acquired\_quarter, COUNT(\*) AS count

FROM

tutorial.crunchbase\_acquisitions

GROUP BY

acquired\_quarter ;

**Q3 For each company\_category\_code identify the average raised\_amount\_usd per quarter**

SELECT company\_category\_code, RIGHT(funded\_quarter, 2) AS quarter,AVG(raised\_amount\_usd)

FROM tutorial.crunchbase\_investments

GROUP BY company\_category\_code,quarter;

**Q4 Which investor (company ) is more likely to invest in USA based companies?**

SELECT investor\_name,COUNT(\*) as total\_count\_of\_investment,

COUNT( CASE WHEN company\_country\_code='USA' THEN 1 ELSE NULL

END)\*100 / COUNT(\*) AS percent\_investment

FROM tutorial.crunchbase\_investments

GROUP BY investor\_name

ORDER BY percent\_investment DESC ,total\_count\_of\_investment DESC

**Q5 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) AS Average\_Amount\_Raised

FROM tutorial.crunchbase\_investments

GROUP BY funding\_round\_type,quarter;

**Q6 Identify companies that received an investment from Japan following an investment from Great Britain where investor is finance category company**

SELECT company\_name

FROM (

SELECT

company\_name,

investor\_country\_code,

investor\_category\_code,

LEAD(investor\_country\_code) OVER (

ORDER BY funded\_at

) AS next\_investor\_company

FROM tutorial.crunchbase\_investments

WHERE investor\_category\_code = 'finance'

) A

WHERE next\_investor\_company = 'JPN'

AND investor\_country\_code = 'GBR'

ORDER BY company\_name;

**Q7 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 avg\_funding

FROM tutorial.crunchbase\_companies

WHERE status='operating'

GROUP BY category\_code

ORDER BY avg\_funding DESC

LIMIT 1

**Q8 For each category, what percent of companies received funding within 3 years of their founding?**

SELECT

category\_code,

COUNT(\*) AS total\_companies,

ROUND(

COUNT(CASE WHEN DATE\_PART('day', first\_funding\_at::timestamp - founded\_at::timestamp) <= 1095 THEN 1 END) \* 100.0 / COUNT(\*),

2

) AS percent\_funded\_within\_1\_year

FROM

tutorial.crunchbase\_companies

WHERE

category\_code IS NOT NULL

GROUP BY

category\_code

ORDER BY percent\_funded\_within\_1\_year desc

**Q9 Clean the 'last\_funding\_at' column (convert it to time stamp) and get the time difference with the current time.**

SELECT

AGE(NOW(), CAST(last\_funding\_at AS TIMESTAMP)) AS time\_diff

FROM

tutorial.crunchbase\_companies