

CRITICAL QUESTIONS USING MYSQL

1Q. Income level, health status, weight, and BMI of participants by income level.

```
1 • SELECT erincome as `Income_Level`, eugenhth as `Health_Status`, avg(euwtg) as Weight,  
2 avg(erbmi) as BMI FROM participant where erincome <> -1 group by erincome order by erincome;
```

Result Grid				
Filter Rows: <input type="text"/>				
Export:				
Wrap Cell Content:				
	Income_Level	Health_Status	Weight	BMI
1	2	2	169.0698	26.1334191209
2	2	2	164.0394	26.5078799193
3	2	2	169.8023	26.8258196373
4	3	3	150.4167	24.0194442500
5	5	5	171.1222	27.2152690634

2Q. Performing some descriptive statistics on BMI with respect to health Status and Income level.

3Q. Average weight in kilograms of participants who have highest income & low income and who eat snakes or meals.

⚠️ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✔️ Showing rows 0 - 1 (2 total, Query took 0.0431 seconds.)

```
select AVG(euwtg)/2.2 as Average_weight_KGs, erincome , eueat from Participants inner join `Food and Drinks` on Participants.tucaseid = `Food and Drinks`.tucaseid where erincome in (1,5) and eueat in (1)group by erincome
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Re

☐ Show all | Number of rows: 25 ▾ Filter rows: Search this table

+ Options

Average_weight_KGs	erincome	eueat
76.45090558	1	1
78.22162301	5	1

☐ Show all | Number of rows: 25 ▾ Filter rows: Search this table

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Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

4Q:Does high Exercise_frequencies have an association with the weights of individuals

Show query box

⚠️ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✔️ Showing rows 0 - 9 (10 total, Query took 0.0148 seconds.)

```
SELECT euwtg AS Weight , euexfreq AS EXERCISE_FREQ FROM PART INNER JOIN ACT ON PART.tucaseid = ACT.tucaseid ORDER BY euexfreq DESC LIMIT 10
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

+ Options

Weight	EXERCISE_FREQ
205	38
144	35
190	35
320	30
174	30
195	28
104	28
265	28
125	28
125	28

Query results operations

Print

Copy to clipboard

Export

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Create view