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Invalid Search Results

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Assume you are given the table below containing the information on the searches attempted and the percentage of invalid searches by country. Write a query to obtain the percentage of invalid searches.

Output the country in ascending order, total searches and overall percentage of invalid searches rounded to 2 decimal places.

Notes:

- `num_search` = Number of searches attempted; `invalid_result_pct` = Percentage of invalid searches.
- In cases where countries have search attempts but do not have a percentage of invalid searches in `invalid_result_pct`, it should be excluded, and vice versa.
- To find the percentages, multiply by 100.0 and not 100 to avoid integer division.

`search_category` **Table:**

Column Name	Type
country	string
search_cat	string
num_search	integer
invalid_result_pct	decimal

`search_category` **Example Input:**

country	search_cat	num_search	invalid_result_pct
UK	home	null	null
UK	tax	98000	1.00
UK	travel	100000	3.25

Example Output:

country	total_search	invalid_searches_pct
UK	198000	2.14

```
1  SELECT country,SUM(num_search) as total_search,
2  ROUND(SUM(num_search*invalid_result_pct)/SUM(num_search),2)
3  FROM search_category
4  WHERE (num_search IS NOT NULL and invalid_result_pct IS NOT NULL)
5  GROUP BY country ORDER BY country;
```