

Quiz questions of type matrix:

Requirements:

- Survey have 0 or \* question of type matrix.
- Matrix question have 1 or \* subquestions.
- All subquestions are questions also
- The matrix question can be one of these :
  - **Single Response Matrix** - In this type of matrix, the respondents are required to choose only one of the answer choices from each row or column in the matrix. This type is ideal when each item in the matrix is mutually exclusive, and respondents must make a distinct choice for each.
  - **Multiple Response Matrix** - In the multiple selection matrix questions, participants can select multiple response options within each row or column of the matrix. This type is suitable when there can be more than one answer for each item in the matrix.
  - **Likert Scale Matrix** - Likert scale survey question matrix utilizes a Likert scale for respondents to express their level of agreement, satisfaction, or preference for each item in the matrix. It is commonly employed when assessing attitudes, opinions, or perceptions across multiple dimensions.
  - **Checkbox Matrix** - It is similar to a multiple response matrix, but presented in a checkbox format for respondents to select multiple answer choices within each row or column. This type is effective when respondents may have overlapping preferences or when multiple options can apply to each item.
- All the subquestions have the same possible answers .
- Every response can have weight .
- The parent question can require answering a specified number of child questions or all.
- The matrix question can be sorted it means that the question are displayed from the most weighted question to the least and vice versa.
- The matrix question can force ranking which means a single response for every column which means two subquestions can't have the same response.