

BI / read / 21

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|---------|---|----------------|---|---|--|---|-------------|----------------|---|---|-----------|-----------------|----------------|---|--|---|----------------|----------------|---|--|---|-------------|--------------|---|---|
| query | BI / read / 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| title | Zombies in a country | | | | | | | | | | | | | | | | | | | | | | | | |
| pattern | | | | | | | | | | | | | | | | | | | | | | | | | |
| desc. | <p>Find zombies within the given country, and return their zombie scores.</p> <p>A zombie is a <i>Person</i> created before the given <i>endDate</i> and that has created between $[0, 1)$ <i>Messages</i> per month, on average, during the time range between profile creation date and the given <i>endDate</i>. The number of months spans the time range from creation date of the profile to the <i>endDate</i> and also includes partial months.</p> <p>For each <i>Person</i>, calculate the following:</p> <ul style="list-style-type: none">• <i>zombieLikeCount</i>: the number of likes received from zombies• <i>totalLikeCount</i>: the total number of likes received on that <i>Person</i>'s <i>Messages</i>• <i>zombieScore</i>: <i>zombieLikeCount</i> / <i>totalLikeCount</i> <p>In all cases, only count likes received from profiles that were created before the given <i>endDate</i>.</p> | | | | | | | | | | | | | | | | | | | | | | | | |
| params | <table><tr><td>1</td><td>country</td><td>String</td><td></td></tr><tr><td>2</td><td>endDate</td><td>Date</td><td></td></tr></table> | | | | | 1 | country | String | | 2 | endDate | Date | | | | | | | | | | | | | |
| 1 | country | String | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | endDate | Date | | | | | | | | | | | | | | | | | | | | | | | |
| result | <table><tr><td>1</td><td>person.id</td><td>64-bit Integer</td><td>R</td><td></td></tr><tr><td>2</td><td>zombieLikeCount</td><td>32-bit Integer</td><td>A</td><td></td></tr><tr><td>3</td><td>totalLikeCount</td><td>32-bit Integer</td><td>A</td><td></td></tr><tr><td>4</td><td>zombieScore</td><td>32-bit Float</td><td>A</td><td>The ratio of <i>zombieLikeCount</i> and <i>totalLikeCount</i></td></tr></table> | | | | | 1 | person.id | 64-bit Integer | R | | 2 | zombieLikeCount | 32-bit Integer | A | | 3 | totalLikeCount | 32-bit Integer | A | | 4 | zombieScore | 32-bit Float | A | The ratio of <i>zombieLikeCount</i> and <i>totalLikeCount</i> |
| 1 | person.id | 64-bit Integer | R | | | | | | | | | | | | | | | | | | | | | | |
| 2 | zombieLikeCount | 32-bit Integer | A | | | | | | | | | | | | | | | | | | | | | | |
| 3 | totalLikeCount | 32-bit Integer | A | | | | | | | | | | | | | | | | | | | | | | |
| 4 | zombieScore | 32-bit Float | A | The ratio of <i>zombieLikeCount</i> and <i>totalLikeCount</i> | | | | | | | | | | | | | | | | | | | | | |
| sort | <table><tr><td>1</td><td>zombieScore</td><td>↓</td><td></td></tr><tr><td>2</td><td>person.id</td><td>↑</td><td></td></tr></table> | | | | | 1 | zombieScore | ↓ | | 2 | person.id | ↑ | | | | | | | | | | | | | |
| 1 | zombieScore | ↓ | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | person.id | ↑ | | | | | | | | | | | | | | | | | | | | | | | |
| limit | 100 | | | | | | | | | | | | | | | | | | | | | | | | |
| CPs | 1.2, 2.1, 2.3, 2.4, 3.2, 3.3, 5.1, 5.3 | | | | | | | | | | | | | | | | | | | | | | | | |