

## BI / read / 17

|       |         |   |         |                |
|-------|---------|---|---------|----------------|
| BI 1  | query   | BI / read / 17  |         |                |
| BI 2  | title   | Friend triangles  |         |                |
| BI 3  | pattern |   |         |                |
| BI 4  |         |   |         |                |
| BI 5  |         |   |         |                |
| BI 6  |         |   |         |                |
| BI 7  |         |   |         |                |
| BI 8  |         |   |         |                |
| BI 9  |         |   |         |                |
| BI 10 |         |   |         |                |
| BI 11 |         |   |         |                |
| BI 12 |         |   |         |                |
| BI 13 | desc.   | For a given <code>country</code> , count all the distinct triples of Persons such that:   |         |                |
| BI 14 |         | <ul style="list-style-type: none"> <li>• <code>a</code> is friend of <code>b</code>,</li> <li>• <code>b</code> is friend of <code>c</code>,</li> <li>• <code>c</code> is friend of <code>a</code>.</li> </ul> |         |                |
| BI 15 |         | Distinct means that given a triple $t_1$ in the result set $R$ of all qualified triples, there is no triple $t_2$ in $R$ such that $t_1$ and $t_2$ have the same set of elements.                             |         |                |
| BI 16 |         |   |         |                |
| BI 17 |         |   |         |                |
| BI 18 |         |   |         |                |
| BI 19 |         |   |         |                |
| BI 20 |         |   |         |                |
| BI 21 | params  | 1   | country | String         |
| BI 22 |         |   |         |                |
| BI 23 | result  | 1   | count   | 32-bit Integer |
| BI 24 |         |   |         |                |
| BI 25 | CPs     | 1.1, 2.3  |         |                |