**1. Conversion Rate**

Below you see a table of the actions of customers visiting the website by clicking on two different types of advertisements given by an E-Commerce company. Write a query to return the conversion rate for each Advertisement type.

**Actions:**

|  |  |  |
| --- | --- | --- |
| Visitor\_ID | Adv\_Type | Action |
| 1 | A | Left |
| 2 | A | Order |
| 3 | B | Left |
| 4 | A | Order |
| 5 | A | Review |
| 6 | A | Left |
| 7 | B | Left |
| 8 | B | Order |
| 9 | B | Review |
| 10 | A | Review |

**Desired Output:**

|  |  |
| --- | --- |
| Adv\_Type | Conversion\_Rate |
| A | 0.33 |
| B | 0.25 |

a.    Create above table (Actions) and insert values,

*b.    Retrieve count of total Actions and Orders for each Advertisement Type,*

c.    *Calculate Orders (Conversion) rates for each Advertisement Type by dividing by total count of actions casting as float by multiplying by 1.0.*