| **Team Name** | GROUP BY |
| --- | --- |
| **Team Members** | Matthew Fricker, Phoebe Beggs, Charles Ikegwu, Gavin Oliver |
| **Client Name** | Offuture |
| **Date of file received** | 24/04/2024 |
| **Name of file received** | 1 - Offuture 2011-2014 |
| **File Format received** | .csv |
| **Size of file (KB) received** | 11807 |
| **Encoding of the file** | UTF-8 |
| **Recorded Number of Columns** | 24 |
| **Recorded Number of Rows** | 51290 |
| **Name of Schema of Destination Table** | student |
| **Name of Destination Table** | groupby\_offuture\_v2 |

| **Test performed** | **Excel** | | | | **DBeaver** | | | | **SQL code reference** | **PASS or FAIL** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Count of the rows** | 51,290.00 | | | | 51,290.00 | | | | Q02 | PASS |
| **Count of the columns** | 24.00 | | | | 24.00 | | | | Q03 | PASS |
| **Count of distinct rows** | 51,290.00 | | | | 51,290.00 | | | | Q04 | PASS |
| **Sum of row sums** | 1,882,578,768.62 | | | | 1,882,578,768.62 | | | | Q05 | PASS |
| **Sum of column sums** | 1,882,578,768.62 | | | | 1,882,578,768.62 | | | | Q06 | PASS |
| **Date check** | dd-mm-yyyy | | | | yyyy-mm-dd | | | | Q07 | PASS |
| **Eyeball check** | IDs checked were: 1026, 25389, 26312, 28568, 49085 | | | |  | | | |  | PASS |
| **Count of nulls** | 41,296.00 | | | | 41,296.00 | | | | Q09 | PASS |
| **Column name (Min, Max, Sum)** | **Column** | **MIN** | **MAX** | **SUM** | **Column** | **MIN** | **MAX** | **SUM** | Q08 | PASS |
| **row\_id** | 1.00 | 51,290.00 | 1,315,357,695.00 | **row\_id** | 1.00 | 51,290.00 | 1,315,357,695.00 |
| **postal\_code** | 1,040.00 | 99,301.00 | 551,572,652.00 | **postal\_code** | 1,040.00 | 99,301.00 | 551,572,652.00 |
| **sales** | 0.44 | 22,638.48 | 12,642,501.91 | **sales** | 0.44 | 22,638.48 | 12,642,501.91 |
| **quantity** | 1.00 | 14.00 | 178,312.00 | **quantity** | 1.00 | 14.00 | 178,312.00 |
| **discount** | 0.00 | 0.85 | 7,329.73 | **discount** | 0.00 | 0.85 | 7,329.73 |
| **profit** | -6,599.98 | 8,399.98 | 1,467,457.29 | **profit** | -6,599.98 | 8,399.98 | 1,467,457.29 |
| **shipping\_cost** | 0.00 | 933.57 | 1,352,820.69 | **shipping\_cost** | 0.00 | 933.57 | 1,352,820.69 |