The total data (bus journey + tube/subway journeys) volume is 1244967

For raw data, each column name is interpreted as follows

|  |  |
| --- | --- |
| deal\_date | the time of transaction |
| close\_date | the time when the system performs settlement |
| card\_no | Card ID |
| deal\_value | how much money should be paid |
| deal\_type | the travel of tourists(bus/subway) |
| company\_name | the transportation company in which the tourists travel. If tourists travel by subway, it indicates line. If it is a bus trip, the company to which the bus belongs is indicated, and the line to which the bus belongs is not indicated. |
| car\_no | Car ID |
| Station | if it is a subway trip, the station is displayed, and if it is a bus trip, the line is displayed. |
| conn\_mark | if today's travel uses both buses and subways, it is 1 |
| deal\_money | how much the tourists have paid |
| equ\_no | the ID of the subway gate recording this transaction |

The individual records of various travel modes of smart card every day are shown in the following table

|  |  |  |  |
| --- | --- | --- | --- |
| date | bus individual | subway individual | individual count |
| 2018.8.27 | 1 | 0 | 1 |
| 2018.8.28 | 61 | 0 | 61 |
| 2018.8.29 | 155 | 0 | 155 |
| 2018.8.30 | 273 | 0 | 273 |
| 2018.8.31 | 8397 | 26283 | 34680 |
| 2018.9.1 | 376658 | 407740 | 784398 |
|  | 385545 | 434023 | 819568 |