Data Analysis Exercise

Transformation is necessary in the ETL process.

Identify the categories of data anomalies and suggest solutions on how to deal with them.

Student table

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Address | Gender | location |
| Aidan Andrews | 1 The Avenue, 1AA AAA | M | H100 |
| Billy Brag | 2 Bank Street, 2BB BBB | M | CQ100 |
| Colin Chips | 3 Crescent mews, 3CC CCC | M | DL |
| Denise Donnington | 4 The Drive, 4DD DDD | F | HK100 |

Student Location table

|  |  |
| --- | --- |
| Location id | Location name |
| H100 | Headingley Campus, Leeds |
| CQ100 | Civic Quarter, Leeds |
| DL | Distance Learner |
| HK100 | Hong Kong |

Student union table

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Home Address | Gender | location |
| Andrews, A | 1 The Avenue, 1AA AAA | Male | H100 |
| Brag, B | 2 Bank Street, 2BB BBB | Male | CQ100 |
| Chips, C | 3 Crescent mews, 3CC CCC | Male | DL |
| Donnington, D. E | 4- 6 The Drive, 4DD DDD | Female | HK100 |