|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **E\_ID** | **E\_NAME** | **E\_AGE** | **E\_EXP** | **E\_SAL** | **E\_TIME** | **E\_QUAL** | **COMP\_NAME** | **COMP\_ID** | **SECTOR** | **BRANCH** |
| 211 | Vishal | 28 | 5 | 30000 | 8 | ME | MP Financial | 2345 | Software $ Micro | Nashik |
| 212 | Niraj | 34 | 12 | 32000 | 9 | BE | Rk Financial | 3209 | Hardware | Pune |
| 213 | Nilesh | 31 | 6 | 37000 | 8 | ME | FG Financial | 1234 | Hardware | Delhi |
| 214 | Afif | 34 | 14 | 28000 | 10 | Diploma | LP Financial | 2435 | Food Supplier | Nagpur |

**Table Before Normalization:**

**Table After 1st Normalization:**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **E\_ID** | **E\_NAME** | **E\_AGE** | **E\_EXP** | **E\_SALary** | **E\_TIME** | **E\_QUALif** | **COMP\_NAME** | **COMP\_ID** | **SECTOR** | **BRANCH** |
| 211 | Vishal | 28 | 5 | 30000 | 8 | ME | MP Financial | 2345 | Software | Nashik |
| 211 | Vishal | 28 | 5 | 30000 | 8 | ME | MP Financial | 2345 | Micro-processor | Nashik |
| 212 | Niraj | 34 | 12 | 32000 | 9 | BE | Rk Financial | 3209 | Hardware | Pune |
| 213 | Nilesh | 31 | 6 | 37000 | 8 | ME | FG Financial | 1234 | Hardware | Delhi |
| 214 | Afif | 24 | 14 | 28000 | 10 | Diploma | LP Financial | 2435 | Food Supplier | Nagpur |

**Table After 2nd Normalization:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **COMP\_NAME** | **COMP\_ID** | **SECTOR** | **BRANCH** | **E\_ID** |
| MP Financial | 2345 | Software | Nashik | 211 |
| MP Financial | 2345 | Micro-processor | Nashik | 211 |
| Rk Financial | 3209 | Hardware | Pune | 212 |
| FG Financial | 1234 | Hardware | Delhi | 213 |
| LP Financial | 2435 | Food Supplier | Nagpur | 214 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **E\_ID** | **E\_NAME** | **E\_AGE** | **E\_EXP** | **E\_SALary** | **E\_TIME** | **E\_QUALif** |
| 211 | Vishal | 28 | 5 | 30000 | 8 | ME |
| 211 | Vishal | 28 | 5 | 30000 | 8 | ME |
| 212 | Niraj | 34 | 12 | 32000 | 9 | BE |
| 213 | Nilesh | 31 | 6 | 37000 | 8 | ME |
| 214 | Afif | 24 | 14 | 28000 | 10 | Diploma |