**Data Normalization**

Data Normalization plays a significant role in developing clean data by reorganizing data acquired from various sources. This will make the data more straightforward and manageable since it will only generate the major data while disposing of redundant and unnecessary chunks of data which will help prevent data irregularity and help the researchers work more efficiently and more effectively.

|  |  |
| --- | --- |
| PROVINCE | **TOTAL NUMBER OF ROAD ACCIDENTS** |
| BATANGAS | **1092** |
| CAVITE | **1706** |
| LAGUNA | **650** |
| RIZAL | **706** |
| QUEZON | **1230** |

**Distribution of Accidents per Province**

**Distribution of Accidents per Gender and Age Group**

|  |  |
| --- | --- |
| CATEGORY | **TOTAL** |
| FEMALE | **1499** |
| AGE >61 yrs. | 59 |
| AGE 0-15 yrs. | 185 |
| AGE 16-21 yrs | 273 |
| AGE 22-30 yrs | 442 |
| AGE 31-40 yr | 260 |
| AGE 41-50 yrs | 189 |
| AGE 51-60 yrs | 91 |
| **MALE** | **3885** |
| AGE >61 yrs | 117 |
| AGE 0-15 yrs | 276 |
| AGE 16-21 yrs | 731 |
| AGE 22-30 yrs | 1268 |
| AGE 31-40 yr | 802 |
| AGE 41-50 yrs | 435 |
| AGE 51-60 yrs | 256 |

**Distribution of Accidents per Day and Time**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CATEGORY | AFTERNOON | EARLY NIGHT | LATE NIGHT | MORNING | **GRAND** **TOTAL** |
| SUNDAY | 339 | 263 | 221 | 262 | **1085** |
| MONDAY | 229 | 151 | 192 | 205 | **777** |
| TUESDAY | 196 | 142 | 134 | 189 | **661** |
| WEDNESDAY | 202 | 166 | 104 | 169 | **641** |
| THURSDAY | 180 | 157 | 128 | 198 | **663** |
| FRIDAY | 226 | 154 | 142 | 185 | **707** |
| SATURDAY | 279 | 234 | 133 | 204 | **850** |

**Distribution of Accidents per Vehicle**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| CATEGORY | BUS | CAR | JEEPNEY | MOTORCYCLE | TRUCK | VAN | **TOTAL** |
| BATANGAS | 1 | 32 | 28 | 1000 | 2 | 29 | **1092** |
| CAVITE | 1 | 97 | 52 | 1523 | 0 | 26 | **1706** |
| LAGUNA | 3 | 30 | 26 | 573 | 1 | 17 | **650** |
| QUEZON | 3 | 27 | 17 | 624 | 1 | 34 | **706** |
| RIZAL | 0 | 64 | 64 | 1078 | 3 | 21 | **1230** |