5 Insights from Data:

1. Accidents in the month of January, May and December are comparatively more than other months.
2. Accidents on Friday, Saturday and Sunday are relatively more than other weekdays.
3. Correlation of features tells us:
   1. Accidents on bridges are more on narrow bridges and culverts.
   2. Bottleneck accident spots are arterial roads, asphalted road separation and roads which are crest of hill.
4. Feature Relevance towards Road Accident

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| --- | --- |
| **Feature Relevance towards Road Accident** | **Degree of Relevance** |
| Accident\_Location\_id\_val\_Open area | 0.015513 |
| Road\_Type\_val\_State Highway | 0.014518 |
| Surface\_Type\_val\_Bitumen(Tar) | 0.010664 |
| Accident\_Location\_id\_val\_Near Bus stop | 0.010643 |
| Road\_Character\_val\_Curve | 0.010138 |
| Vehicle\_Type\_3-Wheeler | 0.005068 |
| Accident\_Location\_id\_val\_Near a religious place | 0.004645 |
| Vehicle\_Vanoeuvre\_Going Straight | 0.004452 |
| Accident\_Location\_id\_val\_Near Hospital | 0.003949 |
| Seperation\_val\_Divider | 0.003574 |
| Accident\_Location\_id\_val\_In bazaar | 0.003298 |