**MidrangePrice Spearman Correlation**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | |  |  |  |  |
| CityMPG | **HighwayMPG** | **EngineSize** | | | **HorsePower** | **RPM** |
| R = -0.79  p = 0 | R = -0.72  p = 0 | R = 0.73  p = 0 | | | R = 0.86  p = 0 | R = -0.10  p = 0.30 |
| ERM | **FuelTankCapacity** | **Length** | | | **WheelBase** | **Width** |
| R = -0.55  p = 0 | R = 0.79  p = 0 | R = 0.62  p = 0 | | | R = 0.62  p = 0 | R = 0.64  p = 0 |
| U\_turn | **Rear\_seat** | **Luggage\_Capa** | | | **Weight** | **TotalAvgMPG** |
| R = 0.53  p = 0 | R = 0.43  p = 0 | R = 0.49  p = 0 | | | R = 0.78  p = 0 | R = -0.76  p = 0 |

**MidrangePrice ANOVA**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| AirBags | **DriveTrainType** | **NumberOfCylinders** | **ManualTrans** | **Passengers** | **Domestic** |
| 0 | 0 | 0 | 0.0014 | 0.03 | 0.337 |
| Log | **Log** | **Log** | **Log** | **Log** | **Log** |
| 0 | 0.0002 | 0 | 0.0002 | 0.007 | 0.651 |