**LIST OF DAX FUNCTIONS USED IN THIS PROJECT**

1. **KPI’s for Total Sales**

* YTD Total Sales = TOTALYTD(SUM('Car'[Price ($)]), 'Calender Table'[Date])
* MTD Total Sales = TOTALMTD(SUM(Car[Price ($)]), 'Calender Table'[Date])
* PYTD Total Sales = CALCULATE(SUM(Car[Price ($)]), SAMEPERIODLASTYEAR('Calender Table'[Date]))
* Total Sales = SUM(Car[Price ($)])
* Total Sales Diff = [YTD Total Sales] - [PYTD Total Sales]
* YoY Total Sales = [Total Sales Diff] / [PYTD Total Sales]
* Total Sales Diff Color = IF([Total Sales Diff]>0, "Green", "Red")
* MTD Sales KPI = CONCATENATE("MTD Total Sales : ", FORMAT([MTD Total Sales]/1000000, "$0.00M"))

1. **KPI’s for Avg Sales**

* YTD Avg Price = TOTALYTD(AVERAGE(Car[Price ($)]), 'Calender Table'[Date])
* MTD Avg Price = TOTALMTD(AVERAGE(Car[Price ($)]), 'Calender Table'[Date])
* PYTD Avg Sales = CALCULATE(AVERAGE(Car[Price ($)]), SAMEPERIODLASTYEAR('Calender Table'[Date]))
* Avg Sales Diff = [YTD Avg Price] - [PYTD Avg Sales]
* YoY Avg Sales = [Avg Sales Diff]/ [PYTD Avg Sales]
* Avg Price Color = IF([Avg Sales Diff]>0, "Green", "Red")
* MTD Avg KPI = CONCATENATE("MTD Avg Price : ", FORMAT([MTD Avg Price]/1000, "$0.00K"))

1. **KPI’s for Cars Sold**

* YTD Cars Sold = TOTALYTD(COUNT(Car[Car\_id]), 'Calender Table'[Date])
* MTD Cars Sold = TOTALMTD(COUNT(Car[Car\_id]), 'Calender Table'[Date])
* PYTD Cars Sold = CALCULATE(COUNT(Car[Car\_id]), SAMEPERIODLASTYEAR('Calender Table'[Date]))
* Cars Sold Diff = [YTD Cars Sold]-[PYTD Cars Sold]
* YoY Cars Sold Growth = [Cars Sold Diff]/[YTD Cars Sold]
* Cars Sold Color = IF(Car[Cars Sold Diff]>0, "Green", "Red")
* MTD Cars Sold KPI = CONCATENATE("MTD Cars Sold : ", FORMAT([MTD Cars Sold]/1000,"$0.00K"))

1. Max Point on Area Chart = IF(MAXX(ALLSELECTED('Calender Table'[Week]), [Total Sales])= [Total Sales], MAXX(ALLSELECTED('Calender Table'[Week]), [Total Sales]), BLANK()