Work Action:

Imported CSV files in power bi desktop.Done basic transformation such as changing data type and merging tables using joins and then performed datamodelling by creating relationship between tables.Star schema modelling used.Created date field and established relationship between tables.Created calculated column for profit and created measures using DAX such as total sales,total profit,profit margin,Current month sales,Current year sales and Previous year sales and created standard visual like cards,bar chart,line chart,column chart,stacked column chart,tables,pie chart and doughnut chart,also used slicers for filtering and also used visual level filter.

Insights

Currency in dollars

Total sales 78M

Total profit 1M

Profit Margin 1.29

Current Month Sales 3.33 M

Current Year Sales 13M

Previous Years Sales 10M

At 1,80,01,116.10, Southwest had the highest Sum of Sales and was 1,194.09% higher than Australia, which had the lowest Sum of Sales at 13,91,024.85.﻿﻿ ﻿﻿ ﻿﻿Sum of Sales and total Sum of profit are positively correlated with each other.﻿﻿ ﻿﻿ ﻿﻿Southwest accounted for 23.21% of Sum of Sales.﻿﻿ ﻿﻿ ﻿﻿Sum of Sales and Sum of profit diverged the most when the Region was Southwest, when Sum of Sales were 1,78,90,365.34 higher than Sum of profit.﻿﻿ ﻿﻿ ﻿

3M sales increase in 2021 when compared to previous year.Road bike sales is higher in all countries.Standard cost for bike is higher that valus abouts 58000 dollars.Warehous business type sales is higher.Washington,tex,alberta are the top three countries reaching highest profit.August month sales is higher when compared to rest of the month.Amy albers ,David campbell,Linda Mitchell,Pamela,Shu Ito has been given higher targets.

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