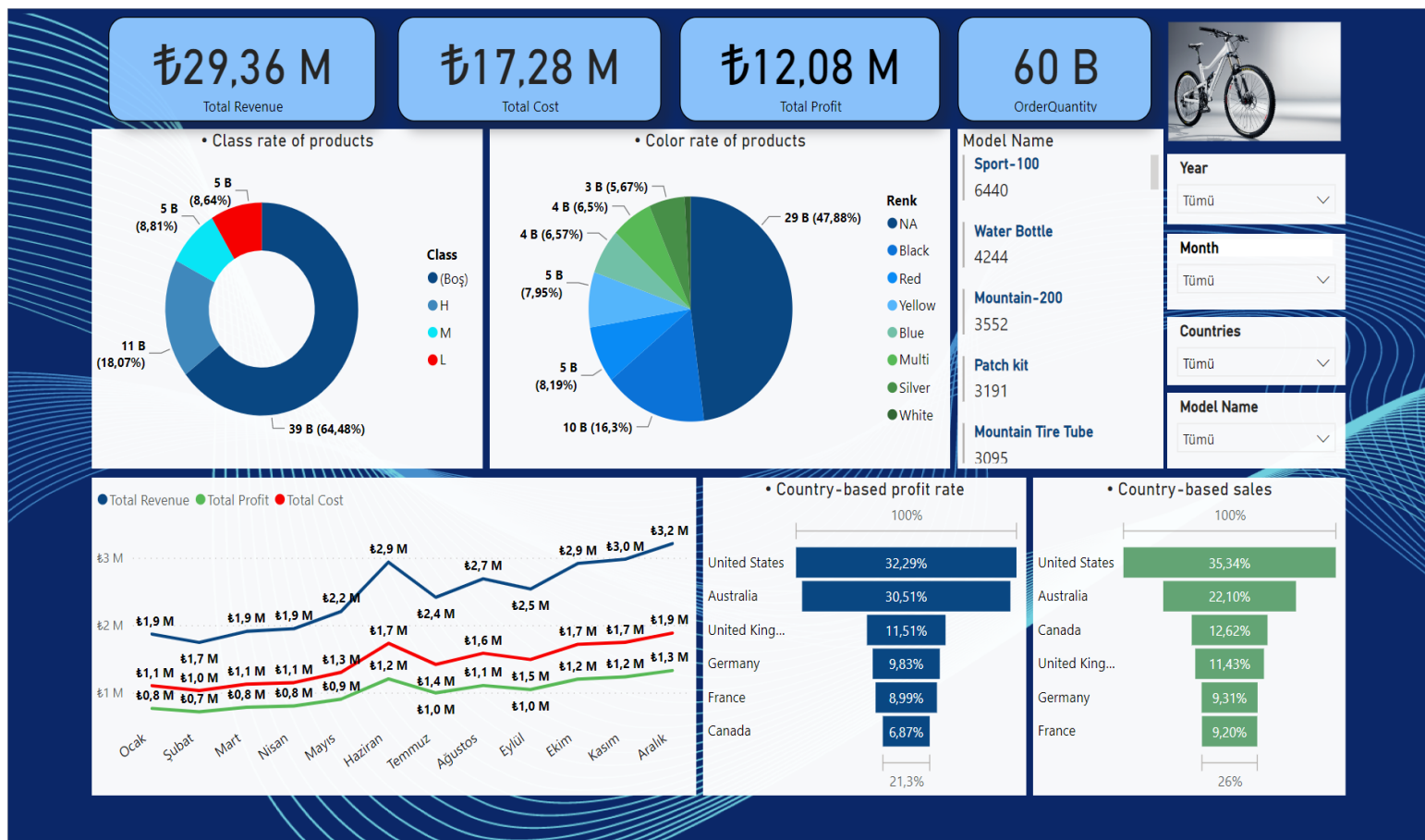


Sales Analyst Dashboard

6 graphics, 4 information cards and 4 filters are used in the Dashboard.

Power BI link:

https://app.powerbi.com/links/5k_VYJd0jO?ctid=755de9ae-86f9-4909-b1a5-f092c48533f1&pbi_source=linkShare



Graphics:

- Class rate of products:** The number of sales and percentage rates of the products sold are shown according to the Class type.
- Color rate of products:** The number of sales and percentage rates are shown according to the color type of the products sold.
- Total Revenue / Profit / Cost:** This chart shows monthly total revenue, total profit and total cost.
- Country-based profit rate:** Country-based profit distribution of sales is shown.
- Country-based sales:** The distribution of sales by country is shown.
- Model Name:** The most sold model types are listed in descending order. (The first 5 constants are shown. If desired, other model information can be viewed by scrolling down the graph.)

Filters:

- **Year Filter:** By selecting the year, only the statistics of that year can be examined.
- **Month Filter:** By selecting the month, only the statistics of that month can be examined.
- **Country Filter:** By selecting the country, only the statistics of that country can be examined.
- **ModelName:** By selecting the Model Name, only the sales statistics of that model can be viewed.

Information Cards:

- **Total Revenue:** The total revenue from sales is indicated.
- **Total Cost:** The total cost amount obtained from sales is indicated.
- **Total Profit:** Total profit from sales is indicated.
- **Number of Sales:** The total number of sales made is indicated.

Database table created as an example:

The screenshot displays the SQL Server Enterprise Manager interface. On the left, the 'Object Explorer' pane shows the database structure, including tables like 'dbo.FactSalesReason' and 'dbo.FactProductInventory'. The main window shows a query result for 'SELECT * FROM dbp.SalesAnalyst'. The query is executed successfully, displaying a table with 31 rows and 12 columns. The columns are: ProductKey, CustomerKey, SalesTerritory, SalesOrderNumber, OrderQuantity, UnitPrice, ProductStandardCost, OrderDate, Color, ModelName, Class, and Style. The data includes various product keys, customer keys, sales territories (United States, Australia, United Kingdom, France), sales order numbers, order quantities, unit prices, product standard costs, order dates, colors, model names, classes, and styles.

	ProductKey	CustomerKey	SalesTerritory	SalesOrderNumber	OrderQuantity	UnitPrice	ProductStandardCost	OrderDate	Color	ModelName	Class	Style
1	382	21300	United States	SO51463	1	1120.49	713.0798	2013-01-14 00:00:00.000	Yellow	Road-550-W	M	W
2	583	16804	United States	SO51466	1	1700.99	1082.51	2013-01-15 00:00:00.000	Yellow	Road-350-W	M	W
3	584	26657	Australia	SO51470	1	539.99	343.6496	2013-01-15 00:00:00.000	Black	Road-750	L	U
4	484	11289	United States	SO51489	1	7.95	2.9733	2013-01-16 00:00:00.000	NA	Bike Wash	NULL	NULL
5	214	19475	France	SO51502	1	34.99	13.0863	2013-01-17 00:00:00.000	Red	Sport-100	NULL	NULL
6	484	11616	United Kingdom	SO51506	1	7.95	2.9733	2013-01-17 00:00:00.000	NA	Bike Wash	NULL	NULL
7	484	16662	Australia	SO51507	1	7.95	2.9733	2013-01-17 00:00:00.000	NA	Bike Wash	NULL	NULL
8	214	22273	United States	SO51508	1	34.99	13.0863	2013-01-17 00:00:00.000	Red	Sport-100	NULL	NULL
9	231	17700	United Kingdom	SO51514	1	49.99	38.4923	2013-01-18 00:00:00.000	Multi	Long-Sleeve Logo Jersey	NULL	U
10	584	20977	France	SO51527	1	539.99	343.6496	2013-01-18 00:00:00.000	Black	Road-750	L	U
11	484	18219	Australia	SO51528	1	7.95	2.9733	2013-01-19 00:00:00.000	NA	Bike Wash	NULL	NULL
12	214	22808	United Kingdom	SO51532	1	34.99	13.0863	2013-01-19 00:00:00.000	Red	Sport-100	NULL	NULL
13	214	28201	Australia	SO51537	1	34.99	13.0863	2013-01-19 00:00:00.000	Red	Sport-100	NULL	NULL
14	214	21858	United Kingdom	SO51549	1	34.99	13.0863	2013-01-20 00:00:00.000	Red	Sport-100	NULL	NULL
15	214	11387	United Kingdom	SO51550	1	34.99	13.0863	2013-01-20 00:00:00.000	Red	Sport-100	NULL	NULL
16	584	19271	Australia	SO51560	1	539.99	343.6496	2013-01-20 00:00:00.000	Black	Road-750	L	U
17	214	19271	Australia	SO51560	1	34.99	13.0863	2013-01-20 00:00:00.000	Red	Sport-100	NULL	NULL
18	584	15017	United States	SO51569	1	539.99	343.6496	2013-01-20 00:00:00.000	Black	Road-750	L	U
19	584	27744	Australia	SO51578	1	539.99	343.6496	2013-01-21 00:00:00.000	Black	Road-750	L	U
20	467	27744	Australia	SO51578	1	24.49	9.1593	2013-01-21 00:00:00.000	Black	Half-Finger Gloves	NULL	U
21	382	19240	United States	SO51585	1	1120.49	713.0798	2013-01-21 00:00:00.000	Yellow	Road-550-W	M	W
22	214	19240	United States	SO51585	1	34.99	13.0863	2013-01-21 00:00:00.000	Red	Sport-100	NULL	NULL
23	467	11401	France	SO51589	1	24.49	9.1593	2013-01-22 00:00:00.000	Black	Half-Finger Gloves	NULL	U
24	214	11271	United States	SO51590	1	34.99	13.0863	2013-01-22 00:00:00.000	Red	Sport-100	NULL	NULL
25	214	11004	Australia	SO51595	1	34.99	13.0863	2013-01-22 00:00:00.000	Red	Sport-100	NULL	NULL
26	484	11453	Australia	SO51597	1	7.95	2.9733	2013-01-22 00:00:00.000	NA	Bike Wash	NULL	NULL
27	584	25608	United Kingdom	SO51601	1	539.99	343.6496	2013-01-22 00:00:00.000	Black	Road-750	L	U
28	214	11439	France	SO51602	1	34.99	13.0863	2013-01-22 00:00:00.000	Red	Sport-100	NULL	NULL
29	583	21056	United Kingdom	SO51605	1	1700.99	1082.51	2013-01-23 00:00:00.000	Yellow	Road-350-W	M	W
30	484	13744	United States	SO51608	1	7.95	2.9733	2013-01-23 00:00:00.000	NA	Bike Wash	NULL	NULL
31	584	18902	Australia	SO51611	1	539.99	343.6496	2013-01-23 00:00:00.000	Black	Road-750	L	U

