SALES REPORT
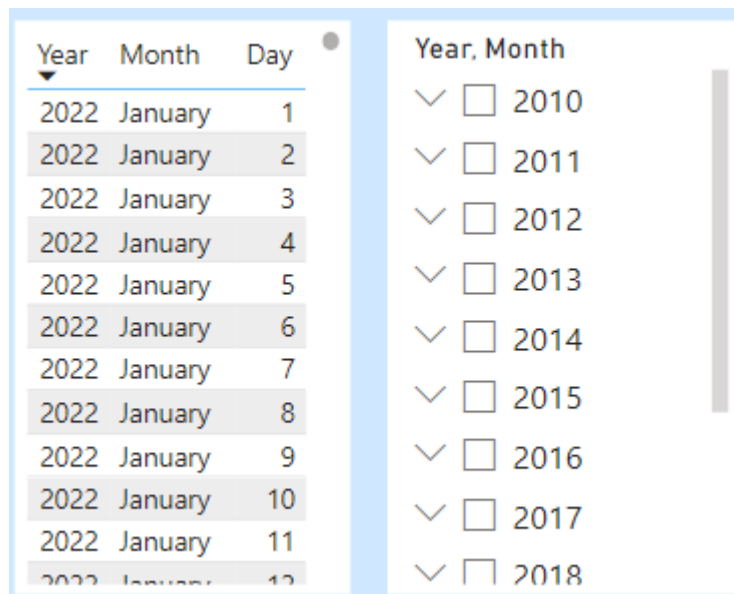
1. Date Table:

- **Action**: Create a Date table using DAX in Power BI.

- **DAX Formula**:

DateTable = CALENDAR(MIN('Buyer Details'[carboughtdate]), MAX('Buyer Details'[carboughtdate]))

2. Date Slicer (Slider):

- **Action**: Add a Date slicer on the report page.

- Use the 'DateTable'[Date] field in a slicer visual and choose the "Between" type to display a slider.

- User can choose any particular date, month, year and data will be filtered

3. Count the number of cars of a particular company. These should be Individual cards grouped together.

Company_Name	Count of Company_Name
Ford	89
Chevrolet	77
Dodge	46
Mitsubishi	42
GMC	41
Mercedes-Benz	40
Toyota	39
Pontiac	38
Nissan	33
Audi	32
Mazda	32
Volkswagen	32
Buick	30
BMW	29
Hyundai	25
Total	**1000**

Insights :

- Ford and Chevrolet Company Sells more Cars
- The Sales of Ford and Chevrolet are more

4. LatestCarBought =

CALCULATE(

    MAX('Buyer Details'[carboughtdate]),

    ALLEXCEPT('Buyer Details', 'Buyer Details'[Buyer_ID])

)

Company Name by Year & Month
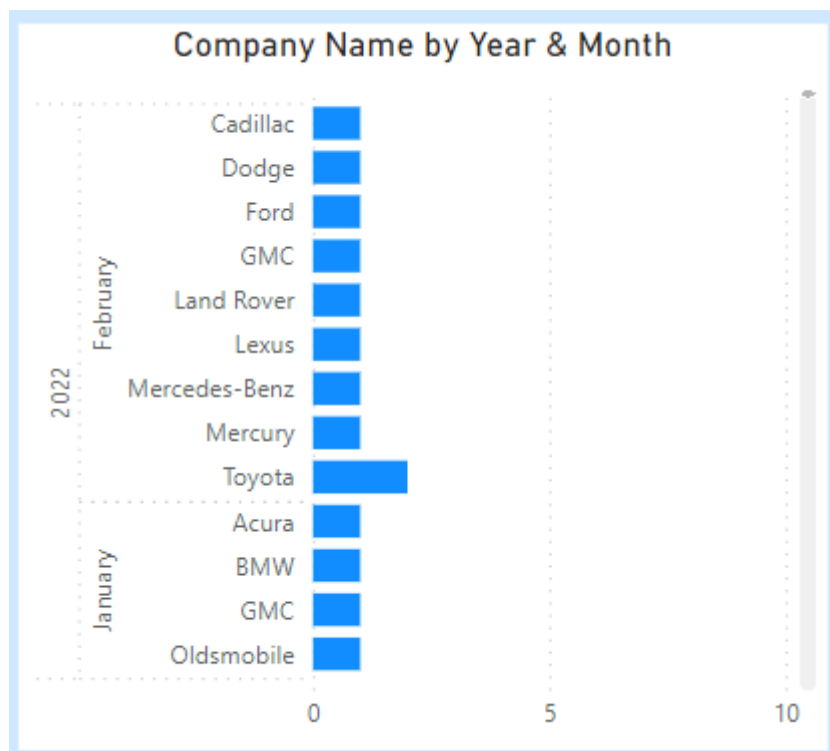
Latest Car bought by Company :

- Acura, BMW, Cadillac, Dodge, Ford, GMC, Land Rover, Lexus, Mercedes-Benz, Mercury, Oldsmobile, Toyota

5. Calculate the average salary from a particular Department.

- Top Avg Salary of Department is of Accounting, Business Development, Engineering, Human Resource

6. Calculate the make year with the highest average price.

- highest average price is very close to every Car Company but Toyota having more than all

7. The most popular car brand for each gender

gender	Model_Name	count
Agender	9000	5
Bigender	LeSabre	8
Female	Sentra	48
Genderfluid	Sierra 1500	6
Genderqueer	RL	8
Male	Suburban 2500	56
Non-binary	Tempo	6
Polygender	Tempo	6

- The most sold model is Suburban 2500
- Males buy more cars than others
- Sentra sales are also sells more
- 9000 car model sales is very less

Suggestions :

- Need to workout for 9000 model , tempo, sierra 1500, LeSabre, RL sales are very less