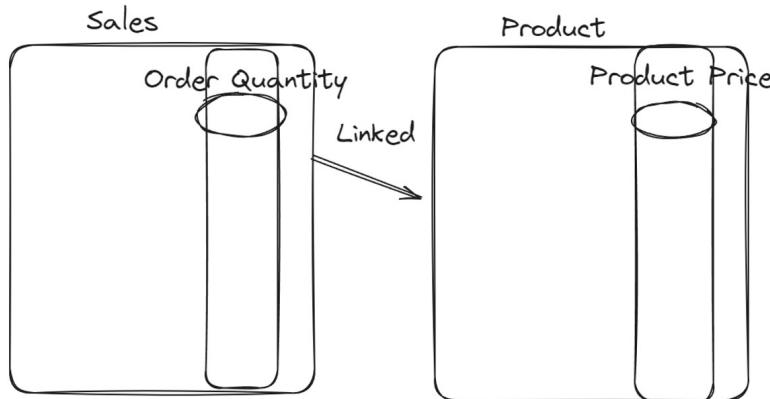


Advance DAX + Report Making - 1

→ Q2 :

Calculate the revenue contributed by each customer.

SUMX - Iterator : Row Context



'f-sales'[OrderQuantity]*RELATED('d-products'[ProductPrice]))

$(S1 * P1) + (S2 * P2) + (S3 * P3) + \dots \text{ and so on} \dots$

1 Revenue = SUMX('f-sales', 'f-sales'[OrderQuantity] * RELATED('d-products'[ProductPrice]))

Iterator, that helps me to move to every individual rows.

SUMX - Will help to create a new revenue column in Sales Table.
Also aggregate the overall result in the Report View.

\$24.93M

Revenue

MINX, MAXX, AVERAGEX, etc..

OrderQuantity	Product Price	Revenue
3	\$25	\$75
3	\$22	\$66
3	\$25	\$75
3	\$22	\$66
3	\$25	\$75
3	\$22	\$66
3	\$22	\$66
3	\$8	\$24
3	\$25	\$75
3	\$25	\$75
3	\$25	\$75
3	\$24	\$72
3	\$3	\$9
3	\$25	\$75
3	\$3	\$9



\downarrow MINX, MAXX, AVERAGEX, etc..
 \Rightarrow Iterator

3	\$24	\$72
3	\$3	\$9
3	\$25	\$75
3	\$3	\$9
3	\$8	\$24
3	\$25	\$75
3	\$25	\$75
3	\$22	\$66
3	\$3	\$9
3	\$22	\$66

Q3 -

Calculate the percentage of orders of each country.

CALCULATE --- FILTER
ALL - REMOVE FILTER

ALL([TableNameOrColumnName], [ColumnName1], ...)

Returns all the rows in a table, or all the values in a column, ignoring any filters that might have been applied.

ALL(

1 All Orders = CALCULATE([Total Numbers of Orders], ALL('f-sales'))

Remove Filter

1 % of All orders = DIVIDE([Total Numbers of Orders], [All Orders], 0)

Don't forget to convert it into %age.

Q4 -

Calculate the previous month's revenue corresponding to each month of a year.

Calculate the previous month's revenue corresponding to each month of a year.

Start of Month	revenue	previous month revenue
Thursday, January 01, 2015	585,277.00	
Sunday, February 01, 2015	532,190.00	585,277.00
Sunday, March 01, 2015	643,397.00	532,190.00
Wednesday, April 01, 2015	653,324.00	643,397.00
Friday, May 01, 2015	659,287.00	653,324.00
Monday, June 01, 2015	669,948.00	659,287.00
Wednesday, July 01, 2015	486,113.00	669,948.00
Saturday, August 01, 2015	536,447.00	486,113.00
Tuesday, September 01, 2015	344,053.00	536,447.00
Thursday, October 01, 2015	404,261.00	344,053.00
Sunday, November 01, 2015	326,595.00	404,261.00
Tuesday, December 01, 2015	563,737.00	326,595.00

DATEADD(Dates, NumberofIntervals, Interval)

Moves the given set of dates by a specified interval.

Structure | Formatting | Properties

X ✓ | Prev Month Revenue = CALCULATE([Revenue], DATEADD('d-calendar'[Date], -1, MONTH))

Interval

Country	Total Numbers of Orders	All Orders	% of All orders
Australia	6060	25164	24.08%
Canada	3024	25164	12.02%
France	2315	25164	9.20%
Germany	2294	25164	9.12%
United Kingdom	2771	25164	11.01%
United States	8700	25164	34.57%
Total	25164	25164	100.00%

Year	Month	Revenue	Prev Month Revenue
2015	January	\$5,85,425	₹ 5,85,425
2015	February	\$5,32,337	₹ 5,85,425
2015	March	\$6,43,556	₹ 5,32,337
2015	April	\$6,53,489	₹ 6,43,556
2015	May	\$6,59,448	₹ 6,53,489
2015	June	\$6,70,118	₹ 6,59,448
2015	July	\$4,86,268	₹ 6,70,118
2015	August	\$5,36,627	₹ 4,86,268
2015	September	\$3,44,188	₹ 5,36,627
2015	October	\$4,04,424	₹ 3,44,188
2015	November	\$3,26,739	₹ 4,04,424
2015	December	\$5,63,980	₹ 3,26,739
2016	January	\$4,32,591	₹ 5,63,980
2016	February	\$4,74,346	₹ 4,32,591
2016	March	\$4,72,143	₹ 4,74,346
Total		\$2,49,33,828	₹ 2,31,05,133

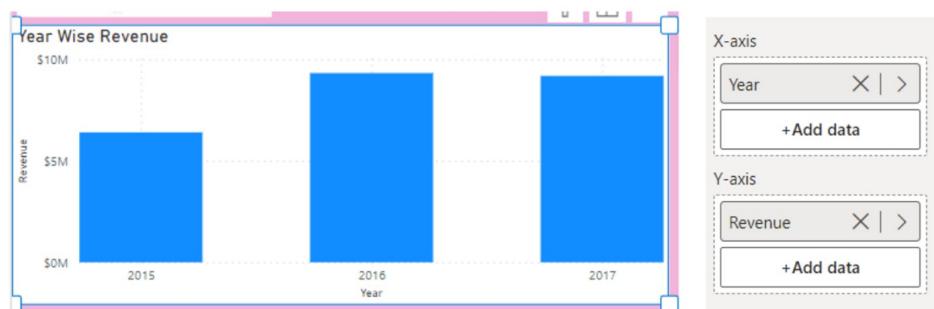
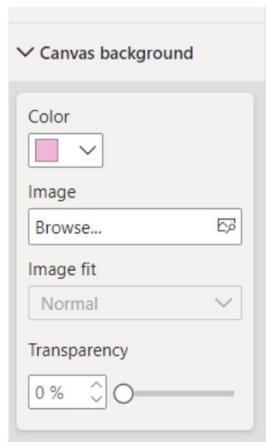
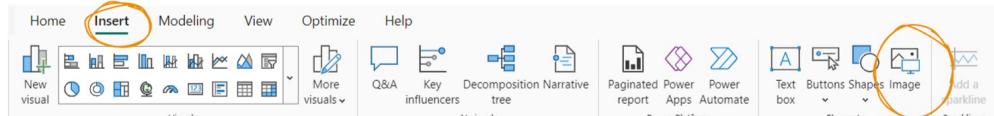
Filter : Date ADD signifies, to check Previous month data, that's why we write "-1", & we want to look Month Related information , If we want to check Previous DAY , QUATER , YEAR , etc. Just Change the interval.

Report View

Report View

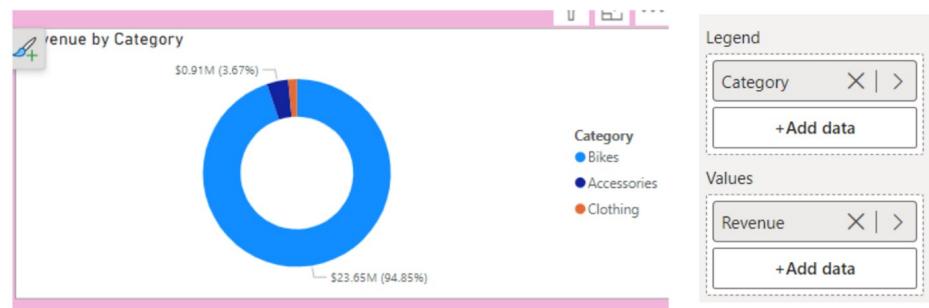
→ After applying the background from Format > Canvas background.

- > Insert Logo of Adventure Work Cycles . Downloaded from Google Images.
- > Upload it by clicking on the below mention image.



X-axis
Year | >
+Add data

Y-axis
Revenue | >
+Add data



Legend
Category | >
+Add data

Values
Revenue | >
+Add data

Try to remove the Blank Value from Full Name using Basic Filter

Full Name	Count
is not (Blank)	1
Filter type	Basic filtering
Search	
<input type="checkbox"/> Select all	
<input type="checkbox"/> (Blank)	
<input checked="" type="checkbox"/> ABBY RANA	1
<input checked="" type="checkbox"/> ADRIANA GONZALEZ	1
<input checked="" type="checkbox"/> AIDAN HAYES	1
<input checked="" type="checkbox"/> ALFIANDRO BECK	1

Full Name
top 5 by Revenue
Filter type

<input checked="" type="checkbox"/>	ABBY RANA	1
<input checked="" type="checkbox"/>	ADRIANA GONZALEZ	1
<input checked="" type="checkbox"/>	AIDAN HAYES	1
<input checked="" type="checkbox"/>	ALEJANDRO BECK	1
<input checked="" type="checkbox"/>	ALEXA WATSON	1
<input type="checkbox"/>	Require single selection	



top 5 by Revenue

Filter type ⓘ

Top N

Show items

Top

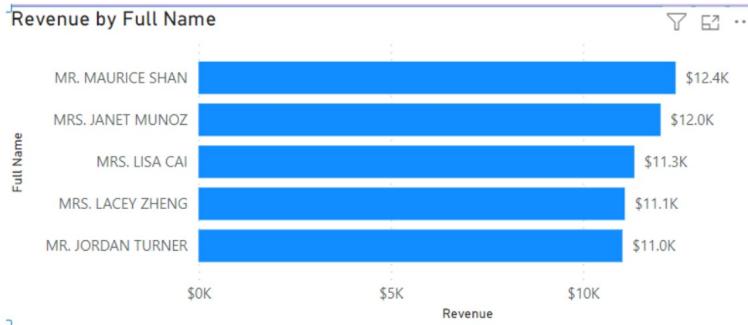
5

By value

Revenue

Apply filter

Revenue Wise Filter



Filters

Search

Filters on this visual

Full Name
is not (Blank)

Full Name
top 5 by Revenue

Filter type ⓘ

Top N

Show items

Top 5

By value

Revenue

Apply filter

Revenue
is (All)

Add data fields here

** Make Sure you Apply 2 Filters on Full Name to get the desired Result.