Screenshots of the dataset and drill through dashboards.

Inventory Analytics Dataset

Inventory Analytics Table

Order Date	Brand	Location	Product	Product code	Customer Name	Customer code	order number	Quantity Ordered	Price	sales
15-07-2021	BMW	Mumbai	fuel lines	fl-1	mkyn pvt ltd	c1003	1003	544	100	54400
19-11-2021	BMW	Ahmedabad	hose pipes	hp-1	vowl pvt ltd	c1006	1006	528	650	343200
25-02-2021	BMW	Mumbai	fuel lines	fl-1	prdt pvt ltd	c1007	1007	808	100	80800
07-07-2021	BMW	Hyderabad	air filters	ar-1	rdym pvt ltd	c101	101	671	8500	5703500
09-10-2021	BMW	bengaluru	hose pipes	hp-1	ourv pvt ltd	c1010	1010	580	650	377000
21-09-2021	BMW	Hyderabad	break pads	bp-1	plkk pvt ltd	c1013	1013	179	50	8950
10-08-2021	BMW	Ahmedabad	radiators	ra-1	qgph pvt ltd	c1015	1015	707	400	282800
05-04-2021	BMW	bengaluru	break pads	bp-1	cdek pvt ltd	c1017	1017	175	50	8750
27-04-2021	BMW	bengaluru	air filters	ar-1	vkxm pvt ltd	c1019	1019	447	8500	3799500
14-05-2021	BMW	Delhi	radiators	ra-1	nakk pvt ltd	c1020	1020	829	400	331600
23-05-2021	BMW	Ahmedabad	fuel lines	fl-1	qxon pvt ltd	c1022	1022	936	100	93600
20-07-2021	BMW	Mumbai	air filters	ar-1	ntow pvt ltd	c1023	1023	126	8500	1071000
16-09-2021	BMW	bengaluru	hose pipes	hp-1	cmka pvt ltd	c1025	1025	178	650	115700
07-08-2021	BMW	Delhi	air filters	ar-1	ouya pvt ltd	c1027	1027	902	8500	7667000
03-04-2021	BMW	bengaluru	hose pipes	hp-1	uvrn pvt ltd	c1034	1034	105	650	68250
12-07-2021	BMW	Hyderabad	hose pipes	hp-1	ykvh pvt ltd	c1035	1035	416	650	270400
28-12-2021	BMW	bengaluru	hose pipes	hp-1	mnky pvt ltd	c1037	1037	542	650	352300
21-05-2021	BMW	Delhi	radiators	ra-1	ywgs pvt ltd	c104	104	702	400	280800
10-12-2021	BMW	Mumbai	fuel lines	fl-1	wbgl pvt ltd	c1041	1041	491	100	49100
31-08-2021	BMW	Hyderabad	radiators	ra-1	sinz pvt ltd	c1044	1044	221	400	88400
07-09-2021	BMW	Delhi	air filters	ar-1	oojg pvt ltd	c1053	1053	796	8500	6766000
17-06-2021	BMW	Ahmedabad	radiators	ra-1	tsxk pvt ltd	c1056	1056	762	400	304800
21-01-2021	BMW	Ahmedabad	air filters	ar-1	vxzu pvt ltd	c1065	1065	661	8500	5618500
04-06-2021	BMW	Ahmedabad	break pads	bp-1	slhg pvt ltd	c1066	1066	865	50	43250
17-03-2021	BMW	Hyderabad	radiators	ra-1	aqec pvt ltd	c1070	1070	819	400	327600
22-11-2021	BMW	bengaluru	hose pipes	hp-1	kpri pvt ltd	c1071	1071	566	650	367900
04-08-2021	BMW	Ahmedabad	hose pipes	hp-1	vaog pvt ltd	c1072	1072	696	650	452400
15-01-2021	BMW	Delhi	air filters	ar-1	pflt pvt ltd	c1075	1075	477	8500	4054500
28-01-2021	BMW	bengaluru	radiators	ra-1	ktxw pvt ltd	c1076	1076	199	400	79600
15-09-2021	BMW	Delhi	air filters	ar-1	lxrz pvt ltd	c1077	1077	191	8500	1623500
Total							2043231	1114399	3693450	2004383150

Loading the dataset into PowerBi

Navigator

Display Options ▾

▲ 📁 INVENTORY ANALYTICS DATA - Delta Manufa...

☑ 🔲 Sheet1

Sheet1
Preview downloaded on Saturday

Order Date	order number	Product	Product code	Price	Brand
28-02-2021	1	radiators	ra-1	400	Mar
22-10-2021	2	break pads	bp-1	50	Mar
23-03-2021	3	break pads	bp-1	50	BMV
16-12-2021	4	air filters	ar-1	8500	Mar
28-06-2021	5	fuel lines	fl-1	100	BMV
09-01-2021	6	air filters	ar-1	8500	volks
09-05-2021	7	radiators	ra-1	400	volks
15-02-2021	8	radiators	ra-1	400	volks
01-04-2021	9	break pads	bp-1	50	BMV
22-11-2021	10	radiators	ra-1	400	Mar
18-02-2021	11	air filters	ar-1	8500	volks
24-04-2021	12	radiators	ra-1	400	BMV
10-08-2021	13	fuel lines	fl-1	100	BMV
18-07-2021	14	break pads	bp-1	50	volks
26-05-2021	15	hose pipes	hp-1	650	volks
26-03-2021	16	break pads	bp-1	50	BMV
12-08-2021	17	hose pipes	hp-1	650	BMV
11-12-2021	18	hose pipes	hp-1	650	volks
05-08-2021	19	air filters	ar-1	8500	Mar
13-02-2021	20	hose pipes	hp-1	650	Mar
17-06-2021	21	radiators	ra-1	400	BMV
07-12-2021	22	break pads	bp-1	50	volks

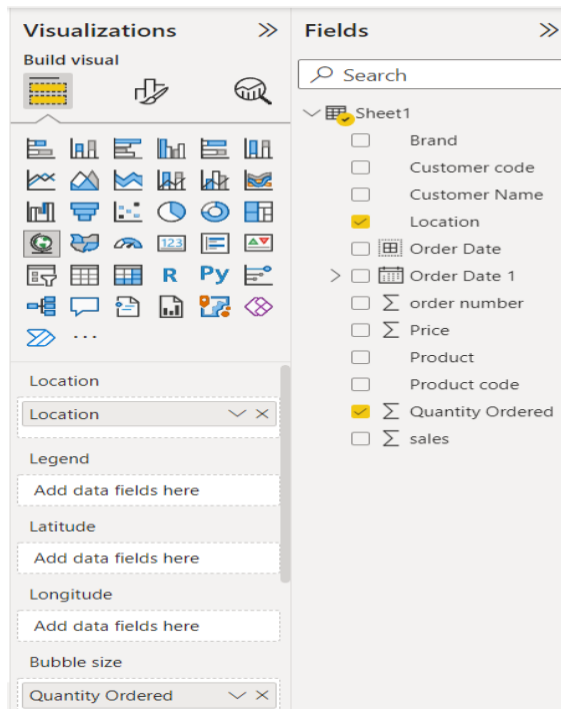Load | Transform Data | Cancel
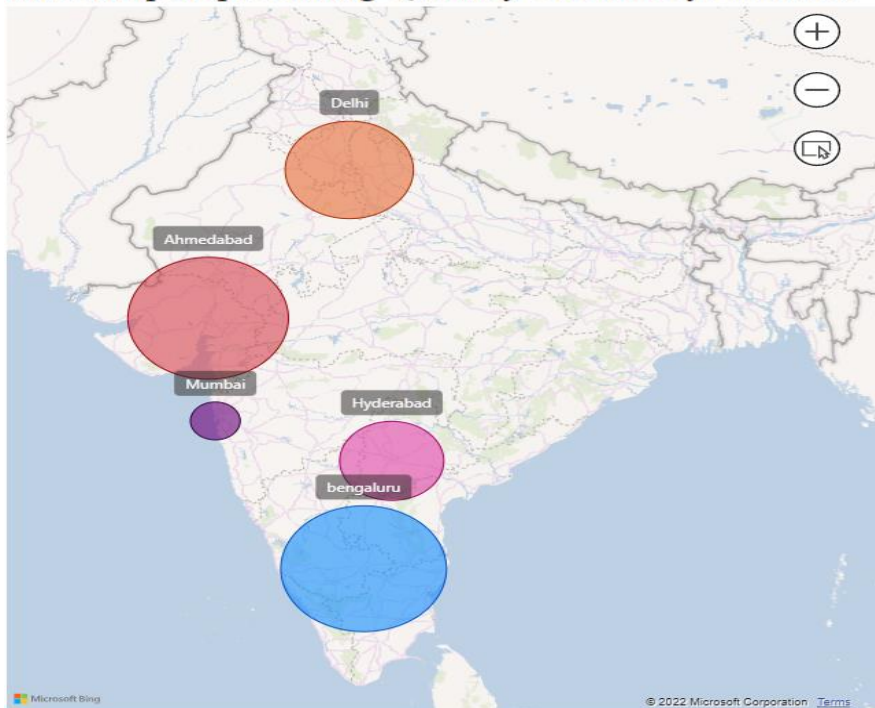
Brands ˣ | Sales Location | Products | Tansactions | ✚

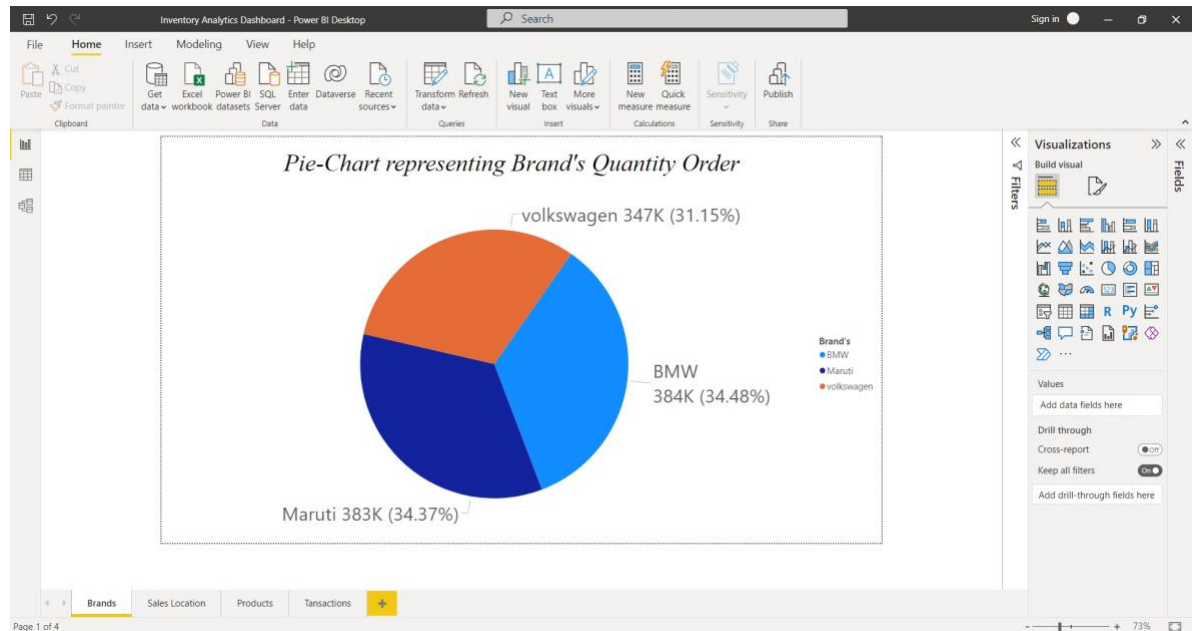**The screenshot below displays the fields I have selected to generate a drill-through map in PowerBi.**

Drill through PowerBi dashboard.

Brand Distribution: The chart shows a fairly even distribution among three car brands—Maruti, BMW, and Volkswagen. Maruti holds a slight lead, representing 34.37% of the total orders, followed closely by BMW at 34.48%, and Volkswagen at 31.15%.

Screenshots of JIRA which shows our teams collaboration.

IA-19   🔓   👁 1   👍   ⤳   ⋯   ✕

🟦 **Data collection**

📎   🎛   🔗

[Done ∨]   ✔ Done

Description

The majority of the data we collected came from Google.
Additionally, our team visited the dealerships of Volkswagen
and Maruti to learn the prices of the spare parts. As a result,
when the data was insufficient, we had to create a sufficient
amount of data for proper analytics.

IA-21   🔓   👁 1   👍   ⤳   ⋯   ✕

🟧 **Data cleaning**

📎   🎛   🔗

[Done ∨]   ✔ Done

Description

With the help of sort, filter, and other analytical tools, we
have gathered all the data into one Excel sheet and
adjusted it accordingly.

Child issues   Order by ∨   ⋯   +

████████████████████   100% Done

Ⓒ   Add a comment...

Data Ideation

Done ⌄   ✓ Done

Description

Once we have our data in the right order, the next step is to understand it and look for any similarities and group it accordingly.

Child issues   Order by ⌄   ⋯   +

100% Done

Data Visualization

Done ⌄   ✓ Done

Description

Pie charts, maps, tables, and line graphs were used to analyze hotspots of sales and quantity ordered across the country.

Child issues   Order by ⌄   ⋯   +

100% Done

C   Add a comment...

1

Data Analytics

Done ⌄   ✓ Done

Description

With Power BI, we interpreted the data and analyzed where the product's sales and orders were higher.

Child issues

Order by ⌄   ···   +

100% Done

| | IA-71 | With Power BI, we interpr... | - | C | DONE ⌄ |

C   Add a comment...

Pro tip: press **M** to comment

IA-61

⬡ 1 👍

Dashboard Creation

📎 ⬚ 🔗

Done ⌄   ✓ Done

Description

Using Power BI and its tools, we identified the hotspots that are in the country, created a drill-through dashboard, and developed a simulated sales system using a master catalog of products to generate transaction data.

Child issues   Order by ⌄   ··· +

████████████████████████████ **100% Done**

Jira Software   Your work ⌄   Projects ⌄   Filters ⌄   Dashboards ⌄   People ⌄   Apps ⌄   **Create**   🔍 Search

Projects / Inventory Analytics

Roadmap   📢 Give feedback   ⬍ Share   ⬆ Export

🔍 [   ] C AS AC 👤 👤⁺   Status category ⌄   Type ⌄   ⚙ View settings

Epic		APR	MAY	JUN	JU
		IA Sprint 1	IA Sprint 2		
> ⚡ IA-19 Data collection	+	████			
> ⚡ IA-21 Data cleaning	DONE	████			
> ⚡ IA-29 Data Ideation	DONE	████			
> ⚡ IA-57 Data Visualization	+		████		
> ⚡ IA-59 Data Analytics	DONE		████		
> ⚡ IA-61 Dashboard Creation	DONE		████		
+ Create Epic					

💡 Quickstart ✕

Today   Weeks **Months** Quarters

PLANNING
- 🗂 Roadmap
- 📋 Backlog
- ▥ Board

DEVELOPMENT
- </> Code
- 🗐 Releases

- 🗎 Project pages
- 🗗 Add shortcut
- ⚙ Project settings

Inventory Analytics
Software project

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