

```

SELECT TOP (1000) [index],[Order ID],[Date],[Status],[Fulfilment],[Sales Channel],[ship-service-level],[Style],[SKU],[Category]
,[Size],[ASIN],[Courier Status],[Qty],[currency],[Amount],[ship-city],[ship-state],[ship-postal-code],[ship-country]
,[promotion-ids],[B2B],[fulfilled-by],[Unnamed: 22]
FROM [HP].[dbo].['Amazon Sale Report$']

```

133 %

Results Messages

	index	Order ID	Date	Status	Fulfilment	Sales Channel	ship-service-level	Style	SKU	Category	Size	ASIN	Courier Status	Qty	currency	Amount	ship-city	ship
1	0	405-8078784-5731545	04-30-22	Cancelled	Merchant	Amazon.in	Standard	SET389	SET389-KR-NP-S	Set	S	B09KXVBD7Z	NULL	0	INR	647.62	MUMBAI	MAI
2	1	171-9198151-1101146	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3781	JNE3781-KR-XXXL	kurta	3XL	B09K3WFS32	Shipped	1	INR	406	BENGALURU	KAF
3	2	404-0687676-7273146	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3371	JNE3371-KR-XL	kurta	XL	B07WV4JV4D	Shipped	1	INR	329	NAVI MUMBAI	MAI
4	3	403-9615377-8133951	04-30-22	Cancelled	Merchant	Amazon.in	Standard	J0341	J0341-DR-L	Western Dress	L	B099NRCT7B	NULL	0	INR	753.33	PUDUCHERRY	PUI
5	4	407-1069790-7240320	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3671	JNE3671-TU-XXXL	Top	3XL	B098714BZP	Shipped	1	INR	574	CHENNAI	TAM
6	5	404-1490984-4578765	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET264	SET264-KR-NP-XL	Set	XL	B08YN7XDSG	Shipped	1	INR	824	GHAZIABAD	UTI
7	6	408-5748499-6859555	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0095	J0095-SET-L	Set	L	B08CMHNWBN	Shipped	1	INR	653	CHANDIGARH	CH/
8	7	406-7807733-3785945	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3405	JNE3405-KR-S	kurta	S	B081WX4G4Q	Shipped	1	INR	399	HYDERABAD	TEL
9	8	407-5443024-5233168	04-30-22	Cancelled	Amazon	Amazon.in	Expedited	SET200	SET200-KR-NP-A-XXXL	Set	3XL	B08L91ZZXN	Cancelled	0	NULL	NULL	HYDERABAD	TEL
10	9	402-4393761-0311520	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3461	JNE3461-KR-XXL	kurta	XXL	B08B3XF5MH	Shipped	1	INR	363	Chennai	TAM
11	10	407-5633625-6970741	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3160	JNE3160-KR-G-S	kurta	S	B07K3YQLF1	Shipped	1	INR	685	CHENNAI	TAM
12	11	171-4638481-6326716	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3500	JNE3500-KR-XS	kurta	XS	B098117DJ3	Shipped	1	INR	364	NOIDA	UTI
13	12	405-5513694-8146768	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3405	JNE3405-KR-XS	kurta	XS	B081XCMYXJ	Shipped	1	INR	399	Amravati.	MAI
14	13	408-7955685-3083534	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET182	SET182-KR-DH-XS	Set	XS	B085HS947T	Shipped	1	INR	657	MUMBAI	MAI
15	14	408-1298370-1920302	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0351	J0351-SET-L	Set	L	B09CSSQY4F	Shipped	1	INR	771	MUMBAI	MAI
16	15	403-4965581-9520319	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	PJNE3368	PJNE3368-KR-6XL	kurta	6XL	B09PY99SVJ	Shipped	1	INR	544	GUNTAKAL	ANI
17	16	406-9379318-6555504	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3721	JNE3721-KR-XXL	kurta	XXL	B099FCT65D	Shipped	1	INR	329	JAIPUR	RAJ
18	17	405-9013803-8009918	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3405	JNE3405-KR-XL	kurta	XL	B081WT6GG7	Shipped	1	INR	399	NEW DELHI	DEI
19	18	402-4030358-5835511	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	JNE3697	JNE3697-KR-XXL	kurta	XXL	B098133PV5	Shipped	1	INR	458	Gurgaon	HAF
20	19	405-5957858-1051546	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET254	SET254-KR-NP-XS	Set	XS	B0983DDPL6	Shipped	1	INR	886	BENGALURU	KAF
21	20	405-0607769-0716360	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3795	JNE3795-KR-XXXL	kurta	3XL	B09HMXJVFS	Shipped	1	INR	517	TIRUCHIRAP...	TAM
22	21	404-8494550-5860325	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET345	SET345-KR-NP-M	Set	M	B09KXV4BN8	Shipped	1	INR	666	BENGALURU	KAF

```
SELECT Category, SUM(Amount) AS Total_Sales
FROM ['Amazon Sale Report$']
WHERE Status NOT LIKE 'Cancelled%'
GROUP BY Category
ORDER BY Total_Sales DESC;
```

133 %

Results Messages

	Category	Total_Sales
1	Set	18370457
2	kurta	9640827
3	Western Dress	4656137
4	Top	2508727
5	Ethnic Dress	344313
6	Blouse	236559
7	Bottom	80461
8	Saree	62251

```

SELECT
    SUM(Amount) AS Total_Sales,
    AVG(Amount) AS Average_Sale
FROM
    ['Amazon Sale Report$']
WHERE
    Status LIKE 'Shipped%';

```

133 %

Results Messages

	index	Order ID	Date	Status	Fulfilment	Sales Channel	ship-service-level	Style	SKU	Category	Size	ASIN	Courier Status	Qty	currency	Amount	ship-city	ship-sta
1	0	405-8078784-5731545	04-30-22	Cancelled	Merchant	Amazon.in	Standard	SET389	SET389-KR-NP-S	Set	S	B09KXVBD7Z	NULL	0	INR	647.62	MUMBAI	MAHAF
2	3	403-9615377-8133951	04-30-22	Cancelled	Merchant	Amazon.in	Standard	J0341	J0341-DR-L	Western Dress	L	B099NRCT7B	NULL	0	INR	753.33	PUDUCHERRY	PUDUC
3	5	404-1490984-4578765	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET264	SET264-KR-NP-XL	Set	XL	B08YN7XD SG	Shipped	1	INR	824	GHAZIABAD	UTTAR
4	6	408-5748499-6859555	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0095	J0095-SET-L	Set	L	B08CMHNWBN	Shipped	1	INR	653	CHANDIGARH	CHANC
5	10	407-5633625-6970741	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3160	JNE3160-KR-G-S	kurta	S	B07K3YQLF1	Shipped	1	INR	685	CHENNAI	TAMIL
6	13	408-7955685-3083534	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET182	SET182-KR-DH-XS	Set	XS	B085HS947T	Shipped	1	INR	657	MUMBAI	MAHAF
7	14	408-1298370-1920302	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0351	J0351-SET-L	Set	L	B09CSSQY4F	Shipped	1	INR	771	MUMBAI	MAHAF
8	19	405-5957858-1051546	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET254	SET254-KR-NP-XS	Set	XS	B0983DDPL6	Shipped	1	INR	886	BENGALURU	KARNA
9	21	404-8494550-5860325	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET345	SET345-KR-NP-M	Set	M	B09KXV4BN8	Shipped	1	INR	666	BENGALURU	KARNA
10	30	171-9040274-9291563	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0341	J0341-DR-S	Western Dress	S	B099NR7612	Shipped	1	INR	791	THIRUVARUR	TAMIL
11	32	404-9632124-1107550	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0011	J0011-LCD-M	Set	M	B08B3YNJG5	Shipped	1	INR	1233	VISAKHAPATNAM	ANDHF
12	36	406-0272200-7784379	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET345	SET345-KR-NP-L	Set	L	B09KXT4VG7	Shipped	1	INR	666	CHENNAI	TAMIL
13	40	408-7165704-5643524	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0211	J0211-DR-XXL	Ethnic Dress	XXL	B09831VWD9	Shipped	1	INR	699	GREATER NOIDA	UTTAR
14	41	402-8210765-3935569	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0401	J0401-DR-XXXL	Western Dress	3XL	B09SDXZBGX	Shipped	1	INR	885	JABALPUR	MADHYA
15	43	408-3478480-0881162	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET360	SET360-KR-NP-M	Set	M	B09QJM1D7F	Shipped	1	INR	1126	LUCKNOW	UTTAR
16	44	402-7595162-9129931	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET268	SET268-KR-NP-L	Set	L	B08XQ8MCKP	Shipped	1	INR	788	MUMBAI	MAHAF
17	45	171-6876154-6233146	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET183	SET183-KR-DH-S	Set	S	B08B3Z38TJ	Shipped	1	INR	759	KOLKATA	WEST B
18	46	408-3917043-5314763	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0230	J0230-SKD-L	Set	L	B08XNDL1DL	Shipped	1	INR	1146	ONGOLE	ANDHRA


```

SELECT a.[Order ID] AS Order_1,b.[Order ID] AS Order_2,a.[ship-city],a.Amount AS Amount_1,b.Amount AS Amount_2
FROM ['Amazon Sale Report$'] a
JOIN ['Amazon Sale Report$'] b
ON a.[ship-city] = b.[ship-city] AND a.[Order ID] <> b.[Order ID]
WHERE a.Status LIKE 'Shipped%' AND b.Status LIKE 'Shipped%';

```

133 %

Results Messages

	Order_1	Order_2	ship-city	Amount_1	Amount_2
1	405-4209323-1169908	405-7596517-8068361	ABU ROAD	1163	458
2	405-4209323-1169908	408-7782600-1445111	ABU ROAD	1163	499
3	405-4209323-1169908	404-3061778-2231507	ABU ROAD	1163	825
4	405-4209323-1169908	402-1919416-5079512	ABU ROAD	1163	354
5	405-4209323-1169908	408-2098982-1147508	ABU ROAD	1163	1245
6	405-7596517-8068361	405-4209323-1169908	ABU ROAD	458	1163
7	405-7596517-8068361	408-7782600-1445111	ABU ROAD	458	499
8	405-7596517-8068361	404-3061778-2231507	ABU ROAD	458	825
9	405-7596517-8068361	402-1919416-5079512	ABU ROAD	458	354
10	405-7596517-8068361	408-2098982-1147508	ABU ROAD	458	1245
11	404-3061778-2231507	405-4209323-1169908	ABU ROAD	825	1163
12	404-3061778-2231507	405-7596517-8068361	ABU ROAD	825	458
13	404-3061778-2231507	408-7782600-1445111	ABU ROAD	825	499
14	404-3061778-2231507	402-1919416-5079512	ABU ROAD	825	354
15	404-3061778-2231507	408-2098982-1147508	ABU ROAD	825	1245
16	408-7782600-1445111	405-4209323-1169908	ABU ROAD	499	1163
17	408-7782600-1445111	405-7596517-8068361	ABU ROAD	499	458
18	408-7782600-1445111	404-3061778-2231507	ABU ROAD	499	825
19	408-7782600-1445111	402-1919416-5079512	ABU ROAD	499	354

```

SELECT *
FROM ['Amazon Sale Report$']
WHERE Amount > (
    SELECT AVG(Amount)
    FROM ['Amazon Sale Report$']
    WHERE Status NOT LIKE 'Cancelled%'
);

```

133 %

Results Messages

	index	Order ID	Date	Status	Fulfilment	Sales Channel	ship-service-level	Style	SKU	Category	Size	ASIN	Courier Status	Qty	currency	Amount	ship-city	ship-sta
1	0	405-8078784-5731545	04-30-22	Cancelled	Merchant	Amazon.in	Standard	SET389	SET389-KR-NP-S	Set	S	B09KXVBD7Z	NULL	0	INR	647.62	MUMBAI	MAHAF
2	3	403-9615377-8133951	04-30-22	Cancelled	Merchant	Amazon.in	Standard	J0341	J0341-DR-L	Western Dress	L	B099NRCT7B	NULL	0	INR	753.33	PUDUCHERRY	PUDUC
3	5	404-1490984-4578765	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET264	SET264-KR-NP-XL	Set	XL	B08YN7XD SG	Shipped	1	INR	824	GHAZIABAD	UTTAR
4	6	408-5748499-6859555	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0095	J0095-SET-L	Set	L	B08CMHNWBN	Shipped	1	INR	653	CHANDIGARH	CHANC
5	10	407-5633625-6970741	04-30-22	Shipped	Amazon	Amazon.in	Expedited	JNE3160	JNE3160-KR-G-S	kurta	S	B07K3YQLF1	Shipped	1	INR	685	CHENNAI	TAMIL
6	13	408-7955685-3083534	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET182	SET182-KR-DH-XS	Set	XS	B085HS947T	Shipped	1	INR	657	MUMBAI	MAHAF
7	14	408-1298370-1920302	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0351	J0351-SET-L	Set	L	B09CSSQY4F	Shipped	1	INR	771	MUMBAI	MAHAF
8	19	405-5957858-1051546	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET254	SET254-KR-NP-XS	Set	XS	B0983DDPL6	Shipped	1	INR	886	BENGALURU	KARNA
9	21	404-8494550-5860325	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET345	SET345-KR-NP-M	Set	M	B09KXV4BN8	Shipped	1	INR	666	BENGALURU	KARNA
10	30	171-9040274-9291563	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0341	J0341-DR-S	Western Dress	S	B099NR7612	Shipped	1	INR	791	THIRUVARUR	TAMIL
11	32	404-9632124-1107550	04-30-22	Shipped - Delivered to Buyer	Merchant	Amazon.in	Standard	J0011	J0011-LCD-M	Set	M	B08B3YNJG5	Shipped	1	INR	1233	VISAKHAPATNAM	ANDHF
12	36	406-0272200-7784379	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET345	SET345-KR-NP-L	Set	L	B09KXT4VG7	Shipped	1	INR	666	CHENNAI	TAMIL
13	40	408-7165704-5643524	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0211	J0211-DR-XXL	Ethnic Dress	XXL	B09831VWD9	Shipped	1	INR	699	GREATER NOIDA	UTTAR
14	41	402-8210765-3935569	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0401	J0401-DR-XXXL	Western Dress	3XL	B09SDXZBGX	Shipped	1	INR	885	JABALPUR	MADH
15	43	408-3478480-0881162	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET360	SET360-KR-NP-M	Set	M	B09QJM1D7F	Shipped	1	INR	1126	LUCKNOW	UTTAR
16	44	402-7595162-9129931	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET268	SET268-KR-NP-L	Set	L	B08XQ8MCKP	Shipped	1	INR	788	MUMBAI	MAHAF
17	45	171-6876154-6233146	04-30-22	Shipped	Amazon	Amazon.in	Expedited	SET183	SET183-KR-DH-S	Set	S	B08B3Z38TJ	Shipped	1	INR	759	KOLKATA	WEST I
18	46	408-3917043-5314763	04-30-22	Shipped	Amazon	Amazon.in	Expedited	J0230	J0230-SKD-L	Set	L	B08XNDL1DL	Shipped	1	INR	1146	ONGOLE	ANDHF

```
CREATE INDEX idx_status_date2  
ON ['Amazon Sale Report$'](Status, Date);  
  
exec sp_helpindex ['Amazon Sale Report$']
```

133 %

Results Messages

	index_name	index_description	index_keys
1	idx_status_date	nonclustered located on PRIMARY	Status, Date
2	idx_status_date1	nonclustered located on PRIMARY	Status, Date
3	idx_status_date2	nonclustered located on PRIMARY	Status, Date

```

CREATE VIEW sales_summary AS
SELECT Date, Category, SUM(Qty) AS Total_Units, SUM(Amount) AS Total_Revenue
FROM ['Amazon Sale Report$']
WHERE Status NOT LIKE 'Cancelled%'
GROUP BY Date, Category;

select * from sales_summary

```

133 %

Results Messages

	Date	Category	Total_Units	Total_Revenue
1	04-21-22	Blouse	5	2044
2	05-28-22	Blouse	8	3416
3	05-22-22	Ethnic Dress	12	7263
4	05-30-22	Ethnic Dress	11	5928
5	NULL	kurta	6217	2695404
6	04-24-22	kurta	589	259934
7	05-23-22	kurta	326	166110
8	04-19-22	Set	586	476730
9	04-24-22	Set	661	546838
10	05-23-22	Set	377	314444
11	04-29-22	Top	122	57352
12	04-30-22	Top	98	48996
13	05-21-22	Top	106	56599
14	04-21-22	Western Dress	98	73179
15	05-28-22	Western Dress	213	165759
16	04-13-22	Bottom	2	705
17	04-19-22	Bottom	6	2935
18	04-21-22	Bottom	7	2657
19	05-28-22	Bottom	4	1179