

amazon



ABOUT COMPANY

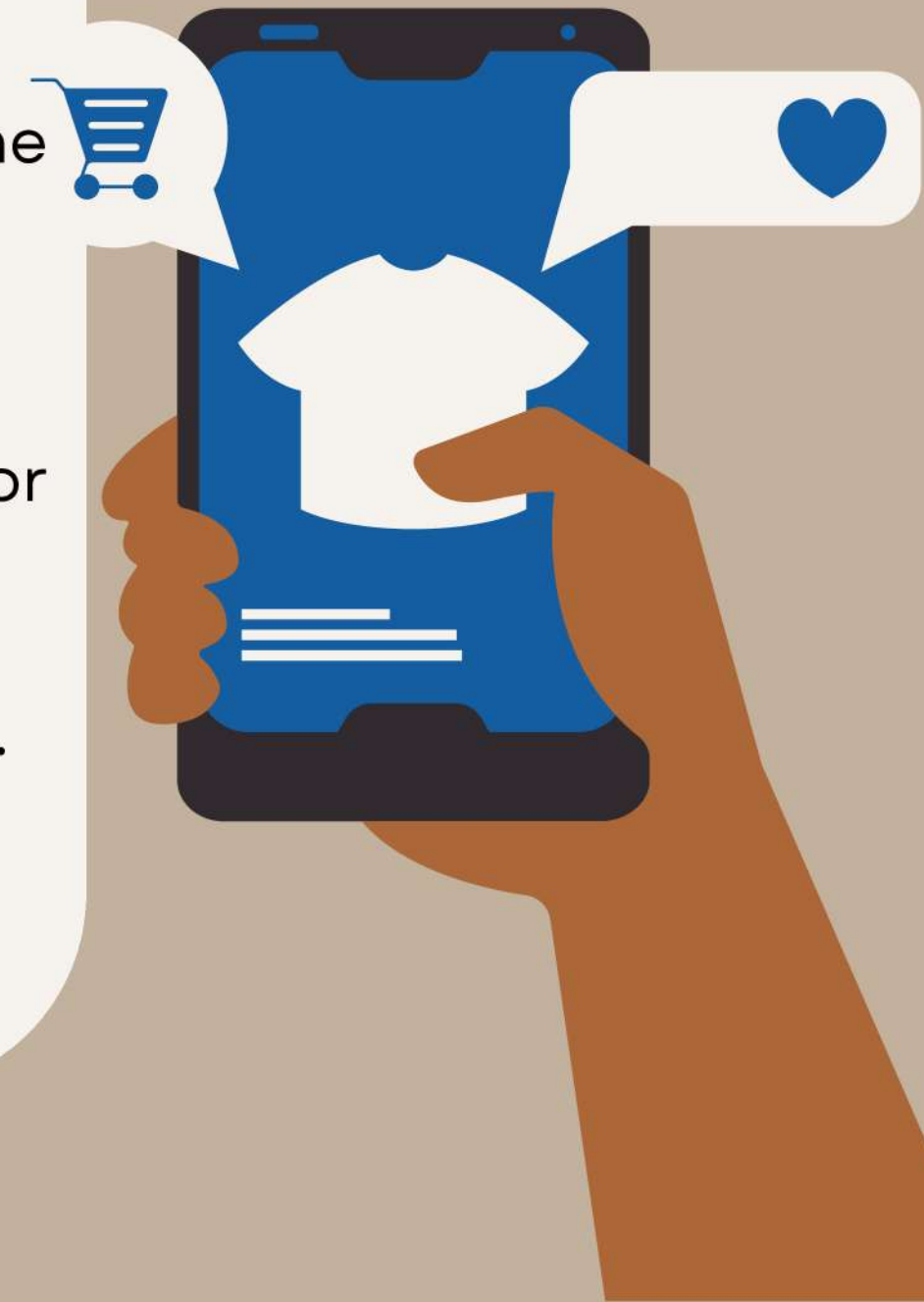
Amazon is a global e-commerce and technology giant founded by Jeff Bezos in 1994. Initially launched as an online bookstore, it has since evolved into one of the world's largest online marketplaces, offering everything from electronics and clothing to cloud computing and AI services through Amazon Web Services (AWS). Known for its customer-centric approach, fast delivery, and innovative technologies like Alexa, Amazon has transformed the way people shop and do business online.



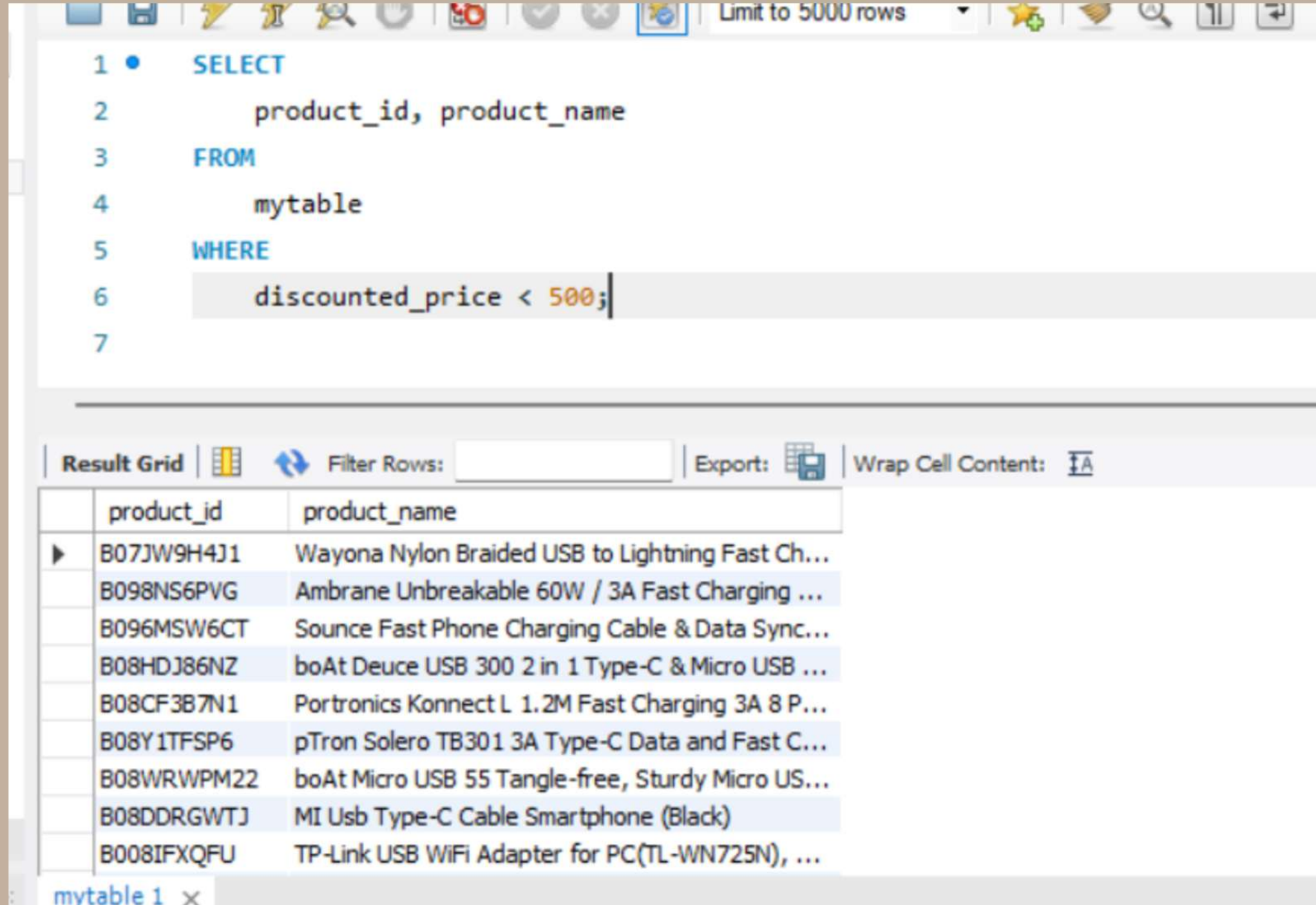
PROJECT QUESTIONS



1. List all products with a discounted price below ₹500.
2. Find products with a discount percentage of 50% or more.
3. Retrieve all products where the name contains the word "Cable."
4. Display the difference between the average of the actual price and the discounted price for each product.
5. Query reviews that mention "fast charging" in their content.
6. Identify products with a discount percentage between 20% and 40%.
7. Find products that have an actual price above ₹1,000 and are rated 4 stars or above.
8. Find products where the discounted price ends with a 9
9. Display review contents that contains words like worst, waste, poor, or not good.
10. List all products where the category includes "Accessories."



1. List all products with a discounted price below ₹500.



The screenshot shows a database query editor interface. The top toolbar includes icons for file operations, a search icon, and a dropdown menu set to "Limit to 5000 rows". The SQL query is as follows:

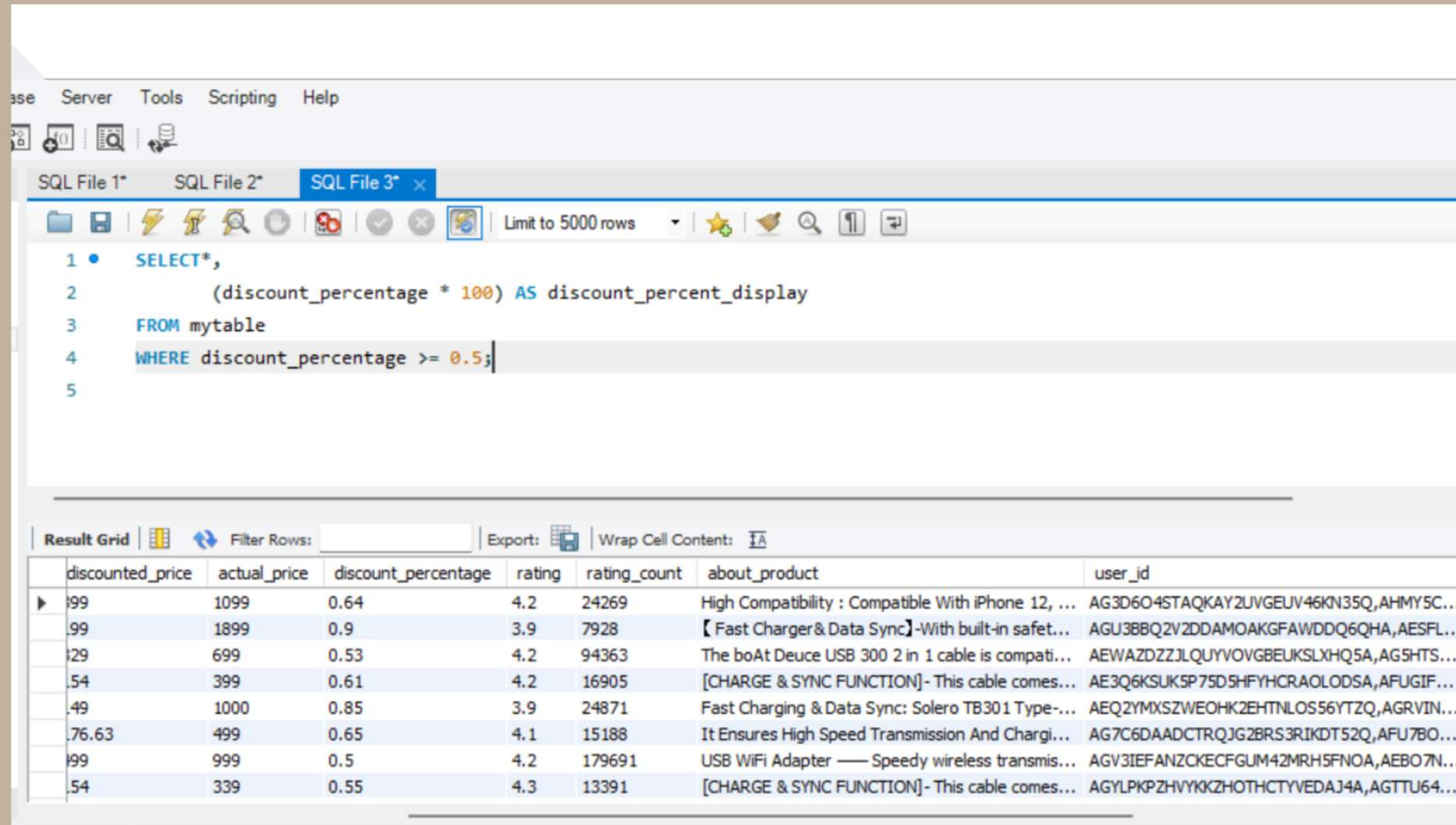
```
1 • SELECT
2     product_id, product_name
3 FROM
4     mytable
5 WHERE
6     discounted_price < 500;
7
```

Below the query editor is the "Result Grid" section. It features a "Filter Rows:" input field, an "Export:" button, and a "Wrap Cell Content:" toggle. The results are displayed in a table with two columns: "product_id" and "product_name".

product_id	product_name
B07JW9H4J1	Wayona Nylon Braided USB to Lightning Fast Ch...
B098NS6PVG	Ambrane Unbreakable 60W / 3A Fast Charging ...
B096MSW6CT	Sounce Fast Phone Charging Cable & Data Sync...
B08HDJ86NZ	boAt Deuce USB 300 2 in 1 Type-C & Micro USB ...
B08CF3B7N1	Portronics Konnect L 1.2M Fast Charging 3A 8 P...
B08Y1TFSP6	pTron Solero TB301 3A Type-C Data and Fast C...
B08WRWPM22	boAt Micro USB 55 Tangle-free, Sturdy Micro US...
B08DDRGWTJ	MI Usb Type-C Cable Smartphone (Black)
B008IFXQFU	TP-Link USB WiFi Adapter for PC(TL-WN725N), ...

The bottom of the interface shows a tab labeled "mytable 1" with a close button (X).

2. Find products with a discount percentage of 50% or more.



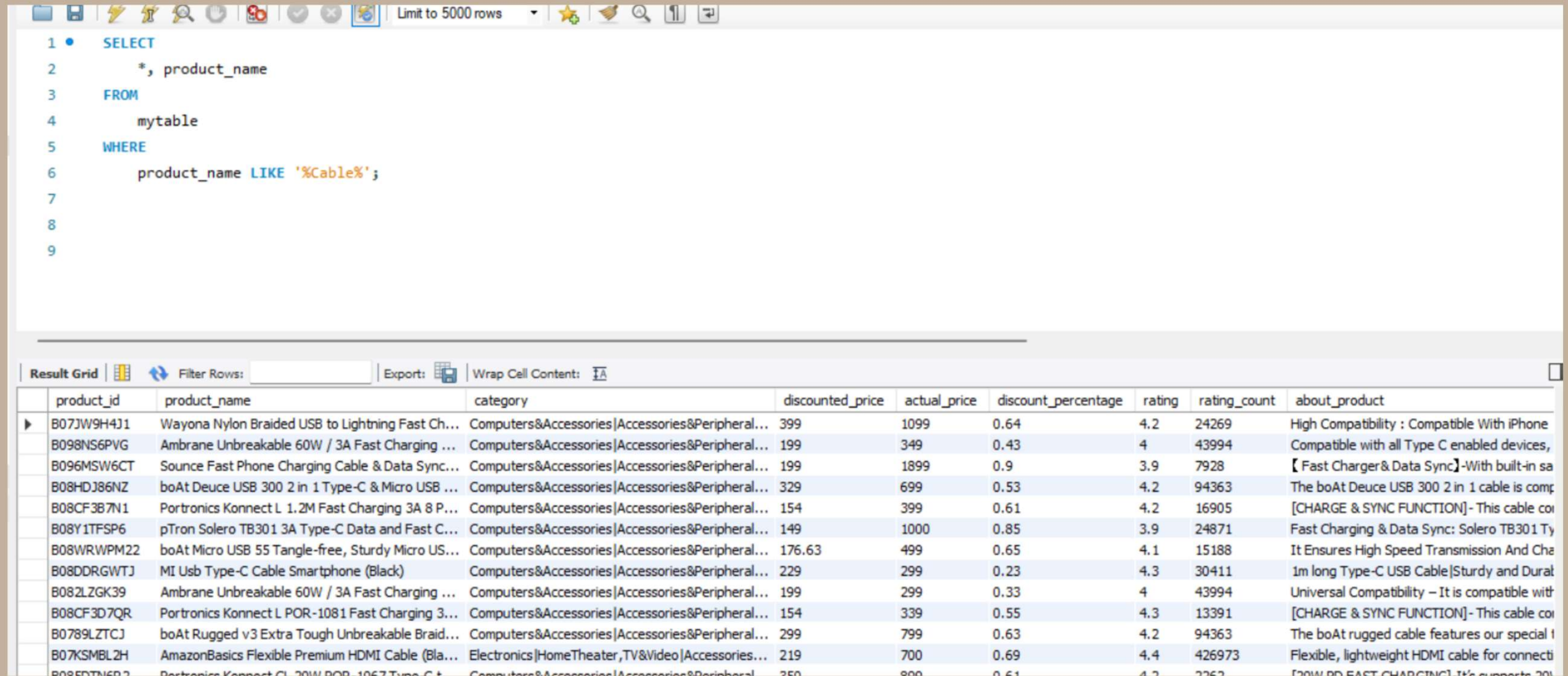
The screenshot shows a SQL IDE interface with a menu bar (Base, Server, Tools, Scripting, Help) and a toolbar. The active window is 'SQL File 3*' containing the following SQL query:

```
1 • SELECT*,
2     (discount_percentage * 100) AS discount_percent_display
3 FROM mytable
4 WHERE discount_percentage >= 0.5;
5
```

Below the query editor is the 'Result Grid' section, which includes a 'Filter Rows' input field, an 'Export' button, and a 'Wrap Cell Content' checkbox. The results are displayed in a table with the following columns: discounted_price, actual_price, discount_percentage, rating, rating_count, about_product, and user_id.

	discounted_price	actual_price	discount_percentage	rating	rating_count	about_product	user_id
▶	999	1099	0.64	4.2	24269	High Compatibility : Compatible With iPhone 12, ...	AG3D6O4STAQKAY2UVGEUV46KN35Q,AHMY5C...
	999	1899	0.9	3.9	7928	【 Fast Charger& Data Sync】-With built-in safet...	AGU3BBQ2V2DDAMOAKGFAWDDQ6QHA,AESFL...
	129	699	0.53	4.2	94363	The boAt Deuce USB 300 2 in 1 cable is compati...	AEWAZDZZJLQUYVOVGBEUKSLXHQ5A,AG5HTS...
	54	399	0.61	4.2	16905	[CHARGE & SYNC FUNCTION]- This cable comes...	AE3Q6KSUK5P75D5HFYHCRAOLODSA,AFUGIF...
	49	1000	0.85	3.9	24871	Fast Charging & Data Sync: Solero TB301 Type-...	AEQ2YMXSZWEOHK2EHTNLOS56YTZQ,AGRVIN...
	76.63	499	0.65	4.1	15188	It Ensures High Speed Transmission And Chargi...	AG7C6DAADCTRQJG2BRS3RIKDT52Q,AFU7BO...
	999	999	0.5	4.2	179691	USB WiFi Adapter — Speedy wireless transmis...	AGV3IEFANZCKECFGUM42MRH5FNOA,AEBO7N...
	54	339	0.55	4.3	13391	[CHARGE & SYNC FUNCTION]- This cable comes...	AGYLPKPZHVKKZHOTHCTYVEDAJ4A,AGTTU64...

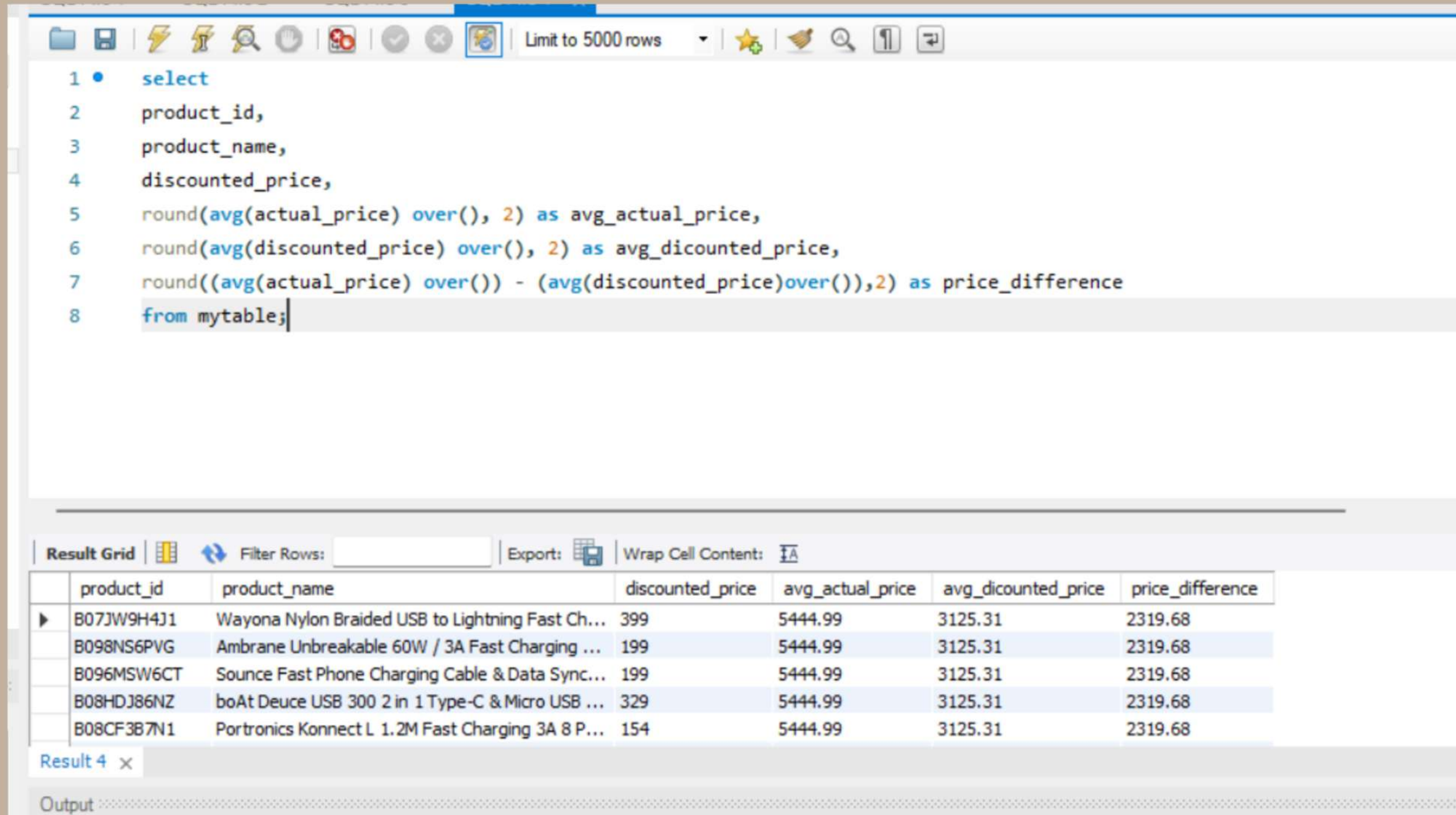
3. Retrieve all products where the name contains the word "Cable."



```
1 • SELECT
2     *, product_name
3 FROM
4     mytable
5 WHERE
6     product_name LIKE '%Cable%';
7
8
9
```

	product_id	product_name	category	discounted_price	actual_price	discount_percentage	rating	rating_count	about_product
▶	B07JW9H4J1	Wayona Nylon Braided USB to Lightning Fast Ch...	Computers&Accessories Accessories&Peripheral...	399	1099	0.64	4.2	24269	High Compatibility : Compatible With iPhone
	B098NS6PVG	Ambrane Unbreakable 60W / 3A Fast Charging ...	Computers&Accessories Accessories&Peripheral...	199	349	0.43	4	43994	Compatible with all Type C enabled devices,
	B096MSW6CT	Sounce Fast Phone Charging Cable & Data Sync...	Computers&Accessories Accessories&Peripheral...	199	1899	0.9	3.9	7928	【 Fast Charger& Data Sync】-With built-in sa
	B08HDJ86NZ	boAt Deuce USB 300 2 in 1 Type-C & Micro USB ...	Computers&Accessories Accessories&Peripheral...	329	699	0.53	4.2	94363	The boAt Deuce USB 300 2 in 1 cable is comp
	B08CF3B7N1	Portronics Konnect L 1.2M Fast Charging 3A 8 P...	Computers&Accessories Accessories&Peripheral...	154	399	0.61	4.2	16905	[CHARGE & SYNC FUNCTION]- This cable coi
	B08Y1TFSP6	pTron Solero TB301 3A Type-C Data and Fast C...	Computers&Accessories Accessories&Peripheral...	149	1000	0.85	3.9	24871	Fast Charging & Data Sync: Solero TB301 Ty
	B08WRWPM22	boAt Micro USB 55 Tangle-free, Sturdy Micro US...	Computers&Accessories Accessories&Peripheral...	176.63	499	0.65	4.1	15188	It Ensures High Speed Transmission And Cha
	B08DDRGWTJ	MI Usb Type-C Cable Smartphone (Black)	Computers&Accessories Accessories&Peripheral...	229	299	0.23	4.3	30411	1m long Type-C USB Cable Sturdy and Dural
	B082LZGK39	Ambrane Unbreakable 60W / 3A Fast Charging ...	Computers&Accessories Accessories&Peripheral...	199	299	0.33	4	43994	Universal Compatibility – It is compatible with
	B08CF3D7QR	Portronics Konnect L POR-1081 Fast Charging 3...	Computers&Accessories Accessories&Peripheral...	154	339	0.55	4.3	13391	[CHARGE & SYNC FUNCTION]- This cable coi
	B0789LZTCJ	boAt Rugged v3 Extra Tough Unbreakable Braid...	Computers&Accessories Accessories&Peripheral...	299	799	0.63	4.2	94363	The boAt rugged cable features our special i
	B07KSMBL2H	AmazonBasics Flexible Premium HDMI Cable (Bla...	Electronics HomeTheater,TV&Video Accessories...	219	700	0.69	4.4	426973	Flexible, lightweight HDMI cable for connecti
	B08EDTNER2	Portronics Konnect CL 20W POR-1067 Type-C t...	Computers&Accessories Accessories&Peripheral...	250	800	0.61	4.2	2262	[20W PD FAST CHARGING]- It's supports 20W

4. Display the difference between the average of the actual price and the discounted price for each product.



The screenshot shows a SQL IDE interface. The top toolbar includes icons for file operations, execution, and a 'Limit to 5000 rows' dropdown. The SQL editor contains the following query:

```
1 • select
2   product_id,
3   product_name,
4   discounted_price,
5   round(avg(actual_price) over(), 2) as avg_actual_price,
6   round(avg(discounted_price) over(), 2) as avg_discounted_price,
7   round((avg(actual_price) over()) - (avg(discounted_price)over()),2) as price_difference
8 from mytable;
```

Below the editor is the 'Result Grid' section, which includes a 'Filter Rows' input, an 'Export' button, and a 'Wrap Cell Content' checkbox. The results are displayed in a table with 7 columns: product_id, product_name, discounted_price, avg_actual_price, avg_discounted_price, and price_difference. The first row is selected.

	product_id	product_name	discounted_price	avg_actual_price	avg_discounted_price	price_difference
▶	B07JW9H4J1	Wayona Nylon Braided USB to Lightning Fast Ch...	399	5444.99	3125.31	2319.68
	B098NS6PVG	Ambrane Unbreakable 60W / 3A Fast Charging ...	199	5444.99	3125.31	2319.68
	B096MSW6CT	Sounce Fast Phone Charging Cable & Data Sync...	199	5444.99	3125.31	2319.68
	B08HDJ86NZ	boAt Deuce USB 300 2 in 1 Type-C & Micro USB ...	329	5444.99	3125.31	2319.68
	B08CF3B7N1	Portronics Konnect L 1.2M Fast Charging 3A 8 P...	154	5444.99	3125.31	2319.68

At the bottom, there is a 'Result 4' tab and an 'Output' section.

5. Query reviews that mention "fast charging" in their content.

The screenshot shows a SQL query editor with a toolbar at the top. The query is as follows:

```
1 • SELECT
2     product_id, product_name, review_id, review_content
3 FROM
4     mytable
5 WHERE
6     review_content like '%fast charging%';
```

Below the query editor, the 'Result Grid' tab is active, displaying a table with 5 columns: product_id, product_name, review_id, and review_content. The table contains 5 rows of data. The interface also includes a 'Filter Rows' field, an 'Export' button, and a 'Wrap Cell Content' toggle.

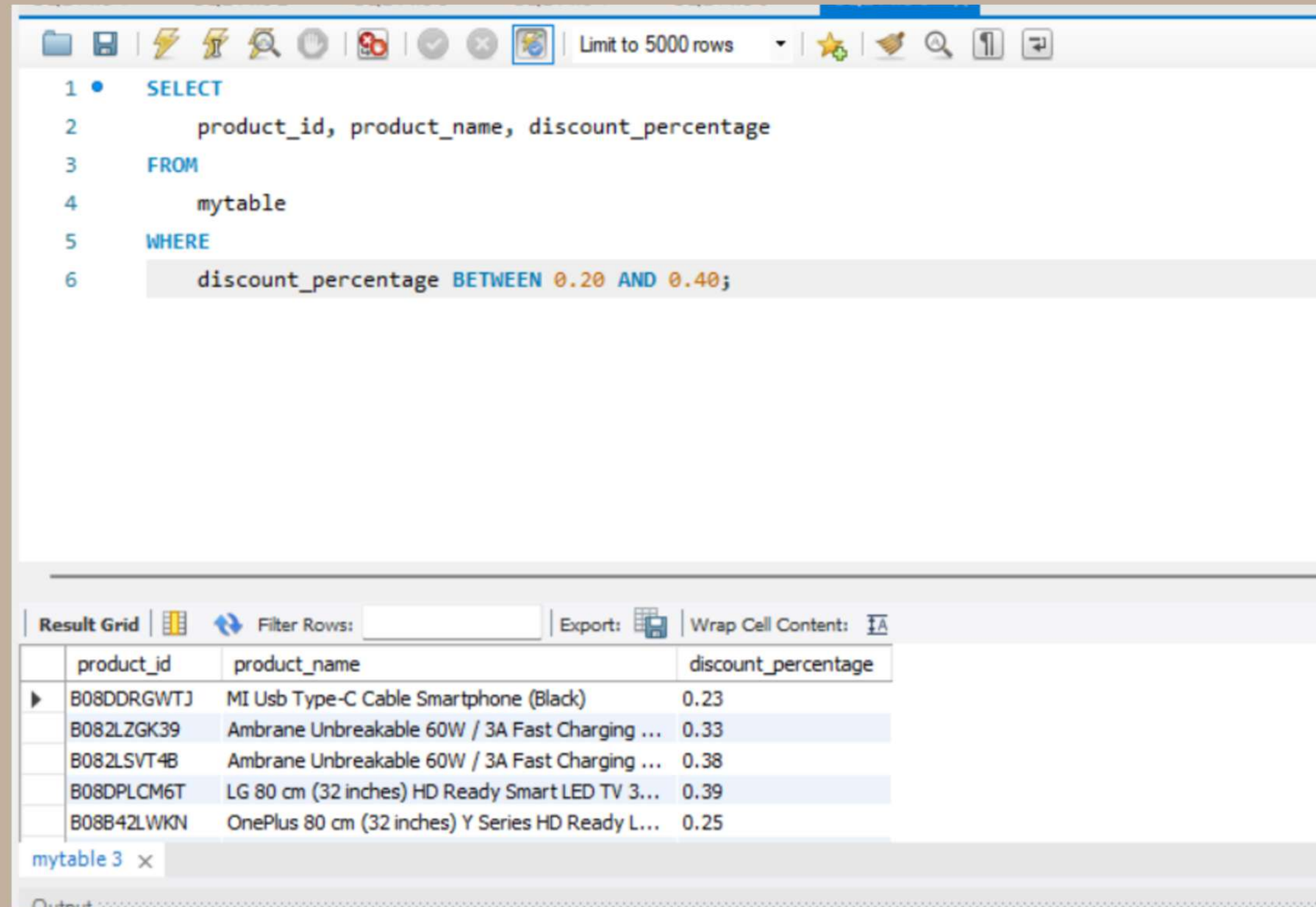
product_id	product_name	review_id	review_content
B098NS6PVG	Ambrane Unbreakable 60W / 3A Fast Charging ...	RGIQEG07R9HS2,R1SMWZQ86XIN8U,R2J3Y1W...	I ordered this cable to connect my phone to An...
B08HDJ86NZ	boAt Deuce USB 300 2 in 1 Type-C & Micro USB ...	R3EEUZKKK9J36I,R3HJVYCLYOY554,REDECAZ7...	Good product,long wire,Charges good,Nice,I bo...
B082LZGK39	Ambrane Unbreakable 60W / 3A Fast Charging ...	RGIQEG07R9HS2,R1SMWZQ86XIN8U,R2J3Y1W...	I ordered this cable to connect my phone to An...
B08CF3D7QR	Portronics Konnect L POR-1081 Fast Charging 3...	R11MQS7WD9C3I0,R2AKH69XQY8BY4,R8GBOL...	The cable is efficient in fast charging but in quic...
B0789LZTCJ	boAt Rugged v3 Extra Tough Unbreakable Braid...	R3EEUZKKK9J36I,R3HJVYCLYOY554,REDECAZ7...	Good product,long wire,Charges good,Nice,I bo...

mytable 2 x

Output

Action Output

6. Identify products with a discount percentage between 20% and 40%.



The screenshot shows a SQL query editor interface. The query is as follows:

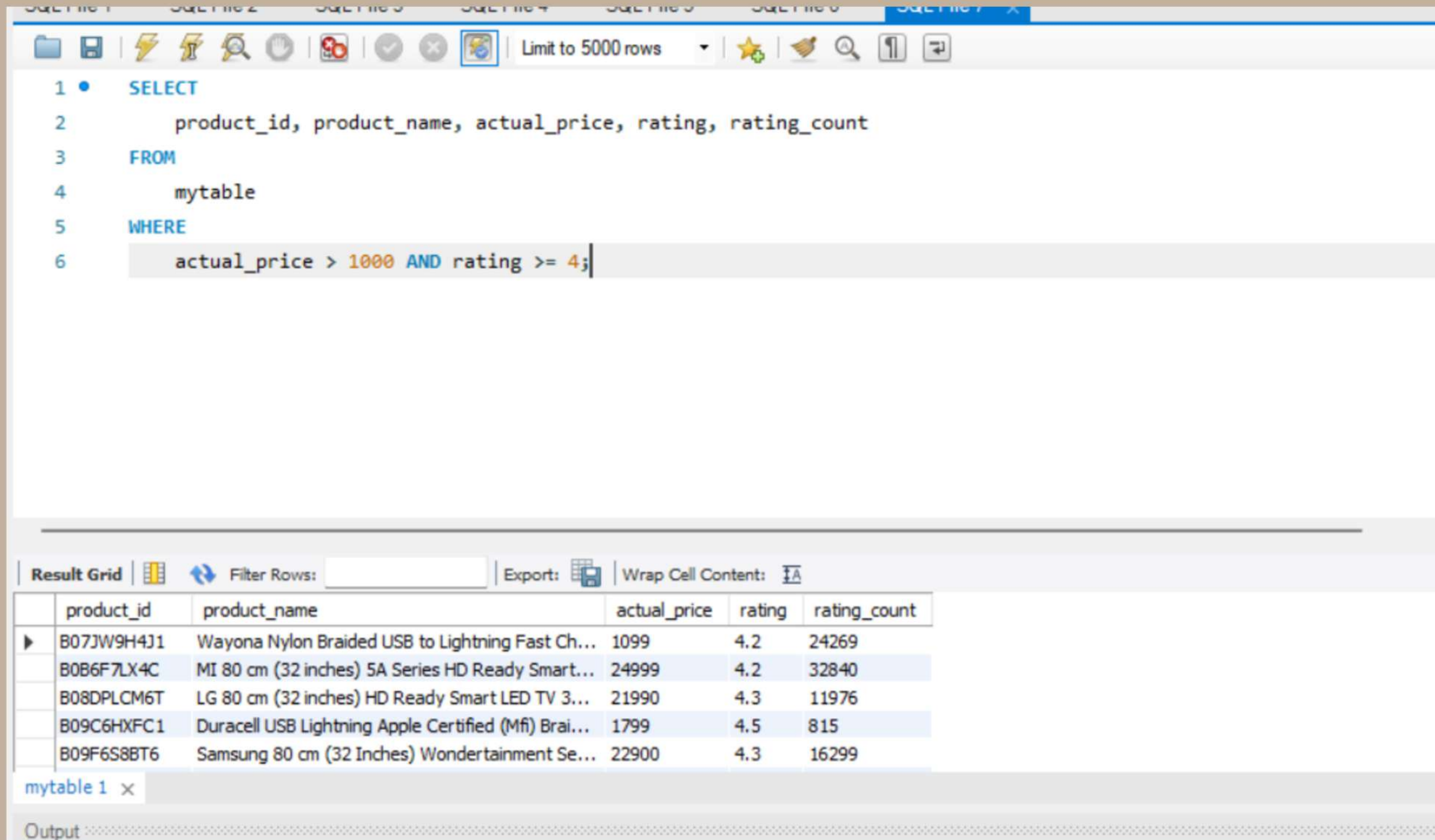
```
1 • SELECT
2     product_id, product_name, discount_percentage
3 FROM
4     mytable
5 WHERE
6     discount_percentage BETWEEN 0.20 AND 0.40;
```

Below the query editor, the 'Result Grid' is displayed, showing the results of the query. The table has four columns: product_id, product_name, and discount_percentage. The results are as follows:

product_id	product_name	discount_percentage
B08DDRGWTJ	MI Usb Type-C Cable Smartphone (Black)	0.23
B082LZGK39	Ambrane Unbreakable 60W / 3A Fast Charging ...	0.33
B082LSVT4B	Ambrane Unbreakable 60W / 3A Fast Charging ...	0.38
B08DPLCM6T	LG 80 cm (32 inches) HD Ready Smart LED TV 3...	0.39
B08B42LWKN	OnePlus 80 cm (32 inches) Y Series HD Ready L...	0.25

mytable 3 x

7. Find products that have an actual price above ₹1,000 and are rated 4 stars or above.



The screenshot shows a SQL IDE interface with a query editor and a result grid. The query is as follows:

```
1 • SELECT
2     product_id, product_name, actual_price, rating, rating_count
3 FROM
4     mytable
5 WHERE
6     actual_price > 1000 AND rating >= 4;
```

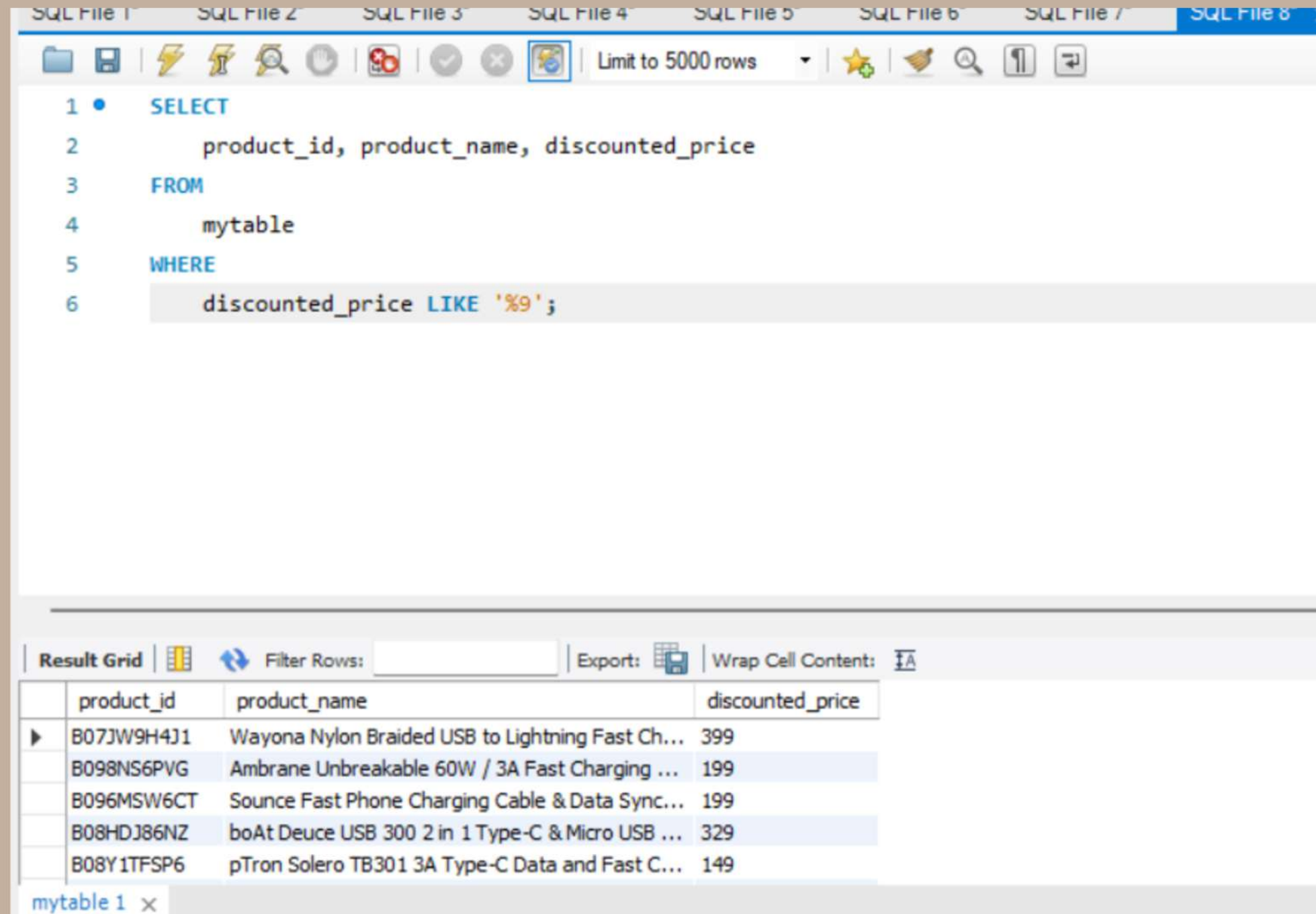
The result grid displays the following data:

	product_id	product_name	actual_price	rating	rating_count
▶	B07JW9H4J1	Wayona Nylon Braided USB to Lightning Fast Ch...	1099	4.2	24269
	B0B6F7LX4C	MI 80 cm (32 inches) 5A Series HD Ready Smart...	24999	4.2	32840
	B08DPLCM6T	LG 80 cm (32 inches) HD Ready Smart LED TV 3...	21990	4.3	11976
	B09C6HXFC1	Duracell USB Lightning Apple Certified (Mfi) Brai...	1799	4.5	815
	B09F6S8BT6	Samsung 80 cm (32 Inches) Wondertainment Se...	22900	4.3	16299

mytable 1 x

Output

8. Find products where the discounted price ends with a 9



The screenshot shows a SQL IDE interface with multiple tabs labeled 'SQL File 1' through 'SQL File 8'. The active tab is 'SQL File 8'. The query editor contains the following SQL code:

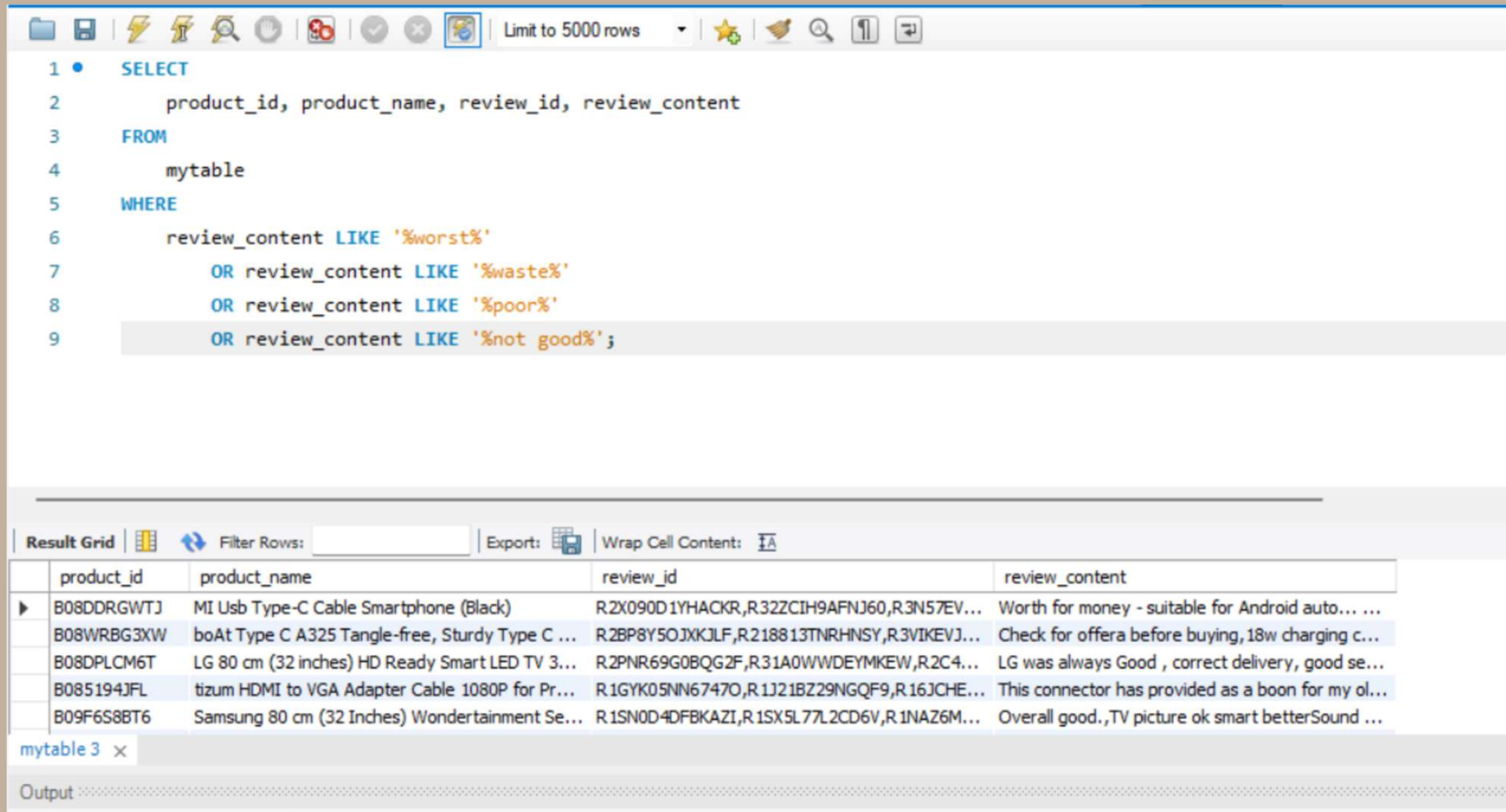
```
1 • SELECT
2     product_id, product_name, discounted_price
3 FROM
4     mytable
5 WHERE
6     discounted_price LIKE '%9';
```

Below the query editor is the 'Result Grid' section. It includes a 'Filter Rows' input field, an 'Export' button, and a 'Wrap Cell Content' checkbox. The results are displayed in a table with the following data:

	product_id	product_name	discounted_price
▶	B07JW9H4J1	Wayona Nylon Braided USB to Lightning Fast Ch...	399
	B098NS6PVG	Ambrane Unbreakable 60W / 3A Fast Charging ...	199
	B096MSW6CT	Source Fast Phone Charging Cable & Data Sync...	199
	B08HDJ86NZ	boAt Deuce USB 300 2 in 1 Type-C & Micro USB ...	329
	B08Y1TFSP6	pTron Solero TB301 3A Type-C Data and Fast C...	149

At the bottom left, there is a tab labeled 'mytable 1' with a close button.

9. Display review contents that contains words like worst, waste, poor, or not good.



The screenshot shows a SQL query editor with a toolbar at the top. The query is as follows:

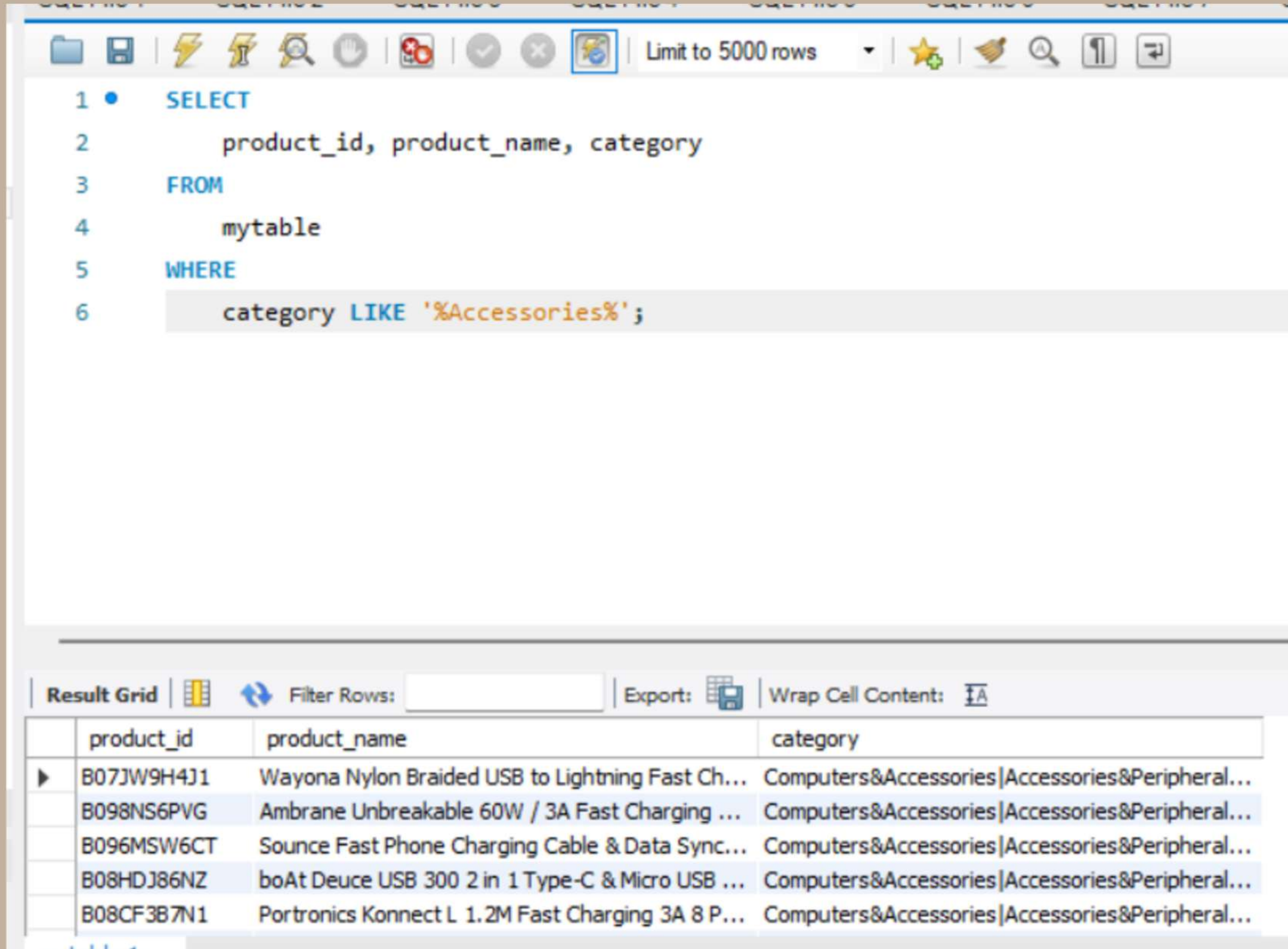
```
1 • SELECT
2     product_id, product_name, review_id, review_content
3 FROM
4     mytable
5 WHERE
6     review_content LIKE '%worst%'
7     OR review_content LIKE '%waste%'
8     OR review_content LIKE '%poor%'
9     OR review_content LIKE '%not good%';
```

Below the query editor is the 'Result Grid' section, which includes a 'Filter Rows' input and an 'Export' button. The results are displayed in a table with the following columns: product_id, product_name, review_id, and review_content.

product_id	product_name	review_id	review_content
B08DDRGWTJ	MI Usb Type-C Cable Smartphone (Black)	R2X090D1YHACKR,R32ZCIH9AFNJ60,R3N57EV...	Worth for money - suitable for Android auto... ..
B08WRBG3XW	boAt Type C A325 Tangle-free, Sturdy Type C ...	R2BP8Y5OJXKJLF,R218813TNRHNSY,R3VIKEVJ...	Check for offera before buying, 18w charging c...
B08DPLCM6T	LG 80 cm (32 inches) HD Ready Smart LED TV 3...	R2PNR69G0BQG2F,R31A0WWDEYMKEW,R2C4...	LG was always Good , correct delivery, good se...
B085194JFL	tizum HDMI to VGA Adapter Cable 1080P for Pr...	R1GYK05NN6747O,R1J21BZ29NGQF9,R16JCHE...	This connector has provided as a boon for my ol...
B09F6S8BT6	Samsung 80 cm (32 Inches) Wondertainment Se...	R1SN0D4DFBKAZI,R1SX5L77L2CD6V,R1NAZ6M...	Overall good.,TV picture ok smart betterSound ...

At the bottom of the interface, there is a tab labeled 'mytable 3' and an 'Output' section.

10. List all products where the category includes "Accessories."



The screenshot shows a SQL query editor with a toolbar at the top. The query is as follows:

```
1 • SELECT
2     product_id, product_name, category
3 FROM
4     mytable
5 WHERE
6     category LIKE '%Accessories%';
```

Below the query editor is a "Result Grid" section. It includes a "Filter Rows" input field, an "Export" button, and a "Wrap Cell Content" checkbox. The grid displays the following data:

	product_id	product_name	category
▶	B07JW9H4J1	Wayona Nylon Braided USB to Lightning Fast Ch...	Computers&Accessories Accessories&Peripheral...
	B098NS6PVG	Ambrane Unbreakable 60W / 3A Fast Charging ...	Computers&Accessories Accessories&Peripheral...
	B096MSW6CT	Source Fast Phone Charging Cable & Data Sync...	Computers&Accessories Accessories&Peripheral...
	B08HDJ86NZ	boAt Deuce USB 300 2 in 1 Type-C & Micro USB ...	Computers&Accessories Accessories&Peripheral...
	B08CF3B7N1	Portronics Konnect L 1.2M Fast Charging 3A 8 P...	Computers&Accessories Accessories&Peripheral...



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THANK
YOU



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