

CREATE(5)

Létrehoz egy új felhasználót:

```
INSERT INTO users (name, pass_hash, email, location)
VALUES ('marci', 'hash123', 'marci@example.com', 'Budapest');
```

Új kategóriát rögzít:

```
INSERT INTO categories (name) VALUES ('Electronics');
```

Hozzáad egy hirdetést egy userhez:

```
INSERT INTO listings (user_id, title, description, price, category_id,
condition) VALUES (1, 'test gitár', 'Használt, jó állapotban', 120000, 1, 'Good');
```

Létrehoz egy kosarat egy felhasználónak:

```
INSERT INTO carts (user_id)
VALUES (1);
```




Betesz egy terméket egy kosárba:

```
INSERT INTO cart_items (cart_id, listing_id)
VALUES (1, 3);
```

READ(10)

































































Kiírja a felhasználók nevét és értékelését:

```
SELECT name, rating FROM users;
```

☐  [Edit](#)  [Copy](#)  [Delete](#) admin *NULL*

Mutatja az összes aktív hirdetést:

```
SELECT * FROM listings WHERE status = 'active';
```

		id	user_id	title	description	price	status	created_at	category_id	condition	brand	model	ai_rating	ai_reviewed	ai_feedback	
				1	1	Stratocaster	black ssh strat.	35000.00	active	2025-11-02 15:52:52	1	Very Good	Harley Benton	ST-20HSS	NULL	0 NULL
				2	1	Yamaha Keyboard	yamaha	60000.00	active	2025-11-02 15:54:00	3	Very Good	Yamaha		NULL	0 NULL
				3	1	Fender Guitar	acoustic guitar	40000.00	active	2025-11-02 15:54:25	1	Very Good	Fender		NULL	0 NULL
				4	1	Capo		2500.00	active	2025-11-04 15:21:26	NULL	Very Good			NULL	0 NULL
				5	1	HB-20R Amplifier	Elektromos gitár erősítő	40000.00	active	2025-11-04 15:23:22	5	Very Good	Harley Benton	HB-20R	NULL	0 NULL
				6	1	Ernie Ball Super Slinky 2223	Ernie Ball Super Slinky 2223 gitár húrok	4000.00	active	2025-11-04 15:24:48	NULL	New	Ernie Ball	Super Slinky 2223	NULL	0 NULL
				7	1	Behringer Mixer	Behringer keverőpult, stúdió minőség, 12 csatornás...	55000.00	active	2025-11-21 12:00:00	5	Very Good	Behringer	Xenyx 1202FX	NULL	0 NULL
				8	1	Boss Pedal	Boss gitár pedál, jól működik, gyári állapot.	25000.00	active	2025-11-21 12:10:00	6	Very Good	Boss	Unknown	NULL	0 NULL
				9	1	Capo	Gitár capo, állítható, karcmentes.	2500.00	active	2025-11-21 12:15:00	1	Very Good			NULL	0 NULL
				10	1	Casio Sustain Pedal	Casio sustain pedál, digitális zongorához.	4000.00	active	2025-11-21 12:20:00	3	Very Good	Casio	SP-20	NULL	0 NULL
				11	1	Drum Throne	Dobos ülőke, állítható magasság, stabil.	12000.00	active	2025-11-21 12:25:00	2	Very Good	Unknown		NULL	0 NULL
				12	1	Audio Interface	USB audio interface, 2 input/2 output, stúdió minő...	35000.00	active	2025-11-21 12:30:00	5	Very Good	Focusrite	Scarlett 2i2	NULL	0 NULL
				13	1	Jazz Bass	Jazz Bass, nagyon szép hang, minimális karc.	65000.00	active	2025-11-21 12:35:00	4	Very Good	Fender	Jazz Bass	NULL	0 NULL
				14	1	MG10G Amplifier	Marshall MG10G gitárerősítő, 10W, kompakt.	22000.00	active	2025-11-21 12:40:00	5	Very Good	Marshall	MG10G	NULL	0 NULL
				15	1	Paiste Cymbals	Paiste cintányérok, kiváló állapot, stúdió minőség...	45000.00	active	2025-11-21 12:45:00	2	Very Good	Paiste		NULL	0 NULL
				16	1	Shure Microphone	Shure SM58 mikrofon, élő fellépéshez és stúdióhoz.	30000.00	active	2025-11-21 12:50:00	5	Very Good	Shure	SM58	NULL	0 NULL

Kilistázza a legolcsóbb termékeket:

```
SELECT * FROM listings ORDER BY price ASC;
```

+T →		id	user_id	title	description	price	1	status	created_at	category_id	condition	brand	model	ai_rating	ai_reviewed	ai_feedback
<input type="checkbox"/>	Edit	Copy	Delete	4	1	Capo	2500.00	active	2025-11-04 15:21:26	NULL	Very Good			NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	9	1	Capo	2500.00	active	2025-11-21 12:15:00	1	Very Good			NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	6	1	Ernie Ball Super Slinky 2223	4000.00	active	2025-11-04 15:24:48	NULL	New	Ernie Ball	Super Slinky 2223	NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	10	1	Casio Sustain Pedal	4000.00	active	2025-11-21 12:20:00	3	Very Good	Casio	SP-20	NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	11	1	Drum Throne	12000.00	active	2025-11-21 12:25:00	2	Very Good	Unknown		NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	14	1	MG10G Amplifier	22000.00	active	2025-11-21 12:40:00	5	Very Good	Marshall	MG10G	NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	8	1	Boss Pedal	25000.00	active	2025-11-21 12:10:00	6	Very Good	Boss	Unknown	NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	16	1	Shure Microphone	30000.00	active	2025-11-21 12:50:00	5	Very Good	Shure	SM58	NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	1	1	Stratocaster	35000.00	active	2025-11-02 15:52:52	1	Very Good	Harley Benton	ST-20HSS	NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	12	1	Audio Interface	35000.00	active	2025-11-21 12:30:00	5	Very Good	Focusrite	Scarlett 2i2	NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	3	1	Fender Guitar	40000.00	active	2025-11-02 15:54:25	1	Very Good	Fender		NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	5	1	HB-20R Amplifier	40000.00	active	2025-11-04 15:23:22	5	Very Good	Harley Benton	HB-20R	NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	15	1	Paiste Cymbals	45000.00	active	2025-11-21 12:45:00	2	Very Good	Paiste		NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	7	1	Behringer Mixer	55000.00	active	2025-11-21 12:00:00	5	Very Good	Behringer	Xenyz 1202FX	NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	2	1	Yamaha Keyboard	60000.00	active	2025-11-02 15:54:00	3	Very Good	Yamaha		NULL		0 NULL
<input type="checkbox"/>	Edit	Copy	Delete	13	1	Jazz Bass	65000.00	active	2025-11-21 12:35:00	4	Very Good	Fender	Jazz Bass	NULL		0 NULL

Legjobban értékelt userek listája:

```
SELECT name, rating FROM users ORDER BY rating DESC;
```

			name	rating
<input type="checkbox"/>	Edit	Copy	Delete	admin
				5.0

Olyan userek, akik megadták a telefonszámukat:

```
SELECT name, phone FROM users WHERE phone IS NOT NULL;
```

			name	phone
<input type="checkbox"/>	Edit	Copy	Delete	admin
				12 34 567 8910

Felhasználók száma városonként:

```
SELECT location, COUNT(*) FROM users GROUP BY location;
```

location	COUNT(*)
Fehérgyarmat	1

Összes kategória abc sorrendben:

```
SELECT name FROM categories ORDER BY name;
```

				name	1
<input type="checkbox"/>	Edit	Copy	Delete	Amps	
<input type="checkbox"/>	Edit	Copy	Delete	Basses	
<input type="checkbox"/>	Edit	Copy	Delete	Drums	
<input type="checkbox"/>	Edit	Copy	Delete	Guitars	
<input type="checkbox"/>	Edit	Copy	Delete	Keyboards	
<input type="checkbox"/>	Edit	Copy	Delete	Pedals	

Hirdetések, ahol az AI ellenőrzés kész:

```
SELECT title FROM listings WHERE ai_reviewed = 1;
```

				title
<input type="checkbox"/>	Edit	Copy	Delete	Stratocaster
<input type="checkbox"/>	Edit	Copy	Delete	Ernie Ball Super Slinky 2223

A top 5 legdrágább hirdetés:

```
SELECT FROM listings ORDER BY price DESC LIMIT 5;
```

													price				
		id	user_id	title	description	1	status	created_at	category_id	condition	brand	model	ai.rating	ai.reviewed	ai.feedback		
<input type="checkbox"/>	Edit	Copy	Delete	13	1	Jazz Bass	Jazz Bass, nagyon szép hang, minimális karc.	65000.00	active	2025-11-21 12:35:00	4	Very Good	Fender	Jazz Bass	NULL	0	NULL
<input type="checkbox"/>	Edit	Copy	Delete	2	1	Yamaha Keyboard	yamaha	60000.00	active	2025-11-02 15:54:00	3	Very Good	Yamaha		NULL	0	NULL
<input type="checkbox"/>	Edit	Copy	Delete	7	1	Behringer Mixer	Behringer keverőpult, stúdió minőség, 12 csatorna...	55000.00	active	2025-11-21 12:00:00	5	Very Good	Behringer	Xenyx 1202FX	NULL	0	NULL
<input type="checkbox"/>	Edit	Copy	Delete	15	1	Paiste Cymbals	Paiste cintangyrok, kiváló állapot, stúdió minőség...	45000.00	active	2025-11-21 12:45:00	2	Very Good	Paiste		NULL	0	NULL
<input type="checkbox"/>	Edit	Copy	Delete	3	1	Fender Guitar	acoustic guitar	40000.00	active	2025-11-02 15:54:25	1	Very Good	Fender		NULL	0	NULL

Felhasználók, akiknek nincs adat megadva (vagyis hibás):

```
SELECT * FROM users WHERE pass_hash = "";
```

	id	name	pass_hash	location	rating	join_date	email	email_verified	profile_url	bio	role	status	phone
<input type="checkbox"/>	Edit	Copy	Delete	2 test_hibás	NULL	NULL NULL	NULL	NULL NULL	NULL NULL	NULL NULL	NULL	NULL	NULL

READ with JOIN(5)

Hirdetések a saját kategórianevükkel:

```
SELECT listings.title, categories.name FROM listings
JOIN categories ON listings.category_id = categories.id;
```

<u>title</u>	<u>name</u>
HB-20R Amplifier	Amps
Behringer Mixer	Amps
Audio Interface	Amps
MG10G Amplifier	Amps
Shure Microphone	Amps
Jazz Bass	Basses
Drum Throne	Drums
Paiste Cymbals	Drums
Stratocaster	Guitars
Fender Guitar	Guitars
Capo	Guitars
Yamaha Keyboard	Keyboards
Casio Sustain Pedal	Keyboards
Boss Pedal	Pedals

Hirdetések tulajdonos neveivel:

```
SELECT listings.title, users.name FROM listings
JOIN users ON listings.user_id = users.id;
```

<u>title</u>	<u>name</u>
Stratocaster	admin
Yamaha Keyboard	admin
Fender Guitar	admin
Capo	admin
HB-20R Amplifier	admin
Ernie Ball Super Slinky 2223	admin
Behringer Mixer	admin
Boss Pedal	admin
Capo	admin
Casio Sustain Pedal	admin
Drum Throne	admin
Audio Interface	admin
Jazz Bass	admin
MG10G Amplifier	admin
Paiste Cymbals	admin
Shure Microphone	admin

Kosarak és a hozzájuk tartozó felhasználók:

```
SELECT carts.id, users.name FROM carts
JOIN users ON carts.user_id = users.id;
```

id	name
----	------

1	admin
---	-------

A kosárban lévő termékek részletes listája:

```
SELECT users.name, listings.title, cart_items.added_at FROM cart_items
JOIN carts ON cart_items.cart_id = carts.id
JOIN users ON carts.user_id = users.id
JOIN listings ON cart_items.listing_id = listings.id;
```

name	title	added_at
admin	Stratocaster	2025-11-23 00:00:00
admin	Ernie Ball Super Slinky 2223	2025-11-23 00:00:00
admin	Audio Interface	2025-11-23 00:00:00

Üzenetek feladó- és címzettnevekkel:

```
SELECT users.name, listings.title, cart_items.added_at FROM cart_items
JOIN carts ON cart_items.cart_id = carts.id
JOIN users ON carts.user_id = users.id
JOIN listings ON cart_items.listing_id = listings.id;
```

		id	sent from	sent to	listing_id	content	created_at	
<input type="checkbox"/>	Edit	Copy	Delete	1	1	2	12 ezt a terméket hol vetted? mert ugyan ilyet kerest...	2025-11-23 12:37:13
<input type="checkbox"/>	Edit	Copy	Delete	2	2	1	12 Ebayról. Ott minden is van. De, szerintem a közelb...	2025-11-23 12:42:54

READ szűrt (5)

50 000 Ft alatti hirdetések:

```
SELECT FROM listings WHERE price < 50000;
```

	id	user_id	title	description	price	status	created_at	category_id	condition	brand	model	ai_rating	ai_reviewed	ai_feedback
<input type="checkbox"/> Edit Copy Delete	1	1	Stratocaster	black ssh strat.	35000.00	active	2025-11-02 15:52:52	1	Very Good	Harley Benton	ST-20HSS	5.0	1	NULL
<input type="checkbox"/> Edit Copy Delete	3	1	Fender Guitar	acoustic guitar	40000.00	active	2025-11-02 15:54:25	1	Very Good	Fender		NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	4	1	Capo		2500.00	active	2025-11-04 15:21:26	NULL	Very Good			NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	5	1	HB-20R Amplifier	Elektromos gitár erősítő	40000.00	active	2025-11-04 15:23:22	5	Very Good	Harley Benton	HB-20R	NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	6	1	Ernie Ball Super Slinky 2223	Ernie Ball Super Slinky 2223 gitár húrok	4000.00	active	2025-11-04 15:24:48	NULL	New	Ernie Ball	Super Slinky 2223	5.0	1	NULL
<input type="checkbox"/> Edit Copy Delete	8	1	Boss Pedal	Boss gitár pedál, jól működik, gyári állapot.	25000.00	active	2025-11-21 12:10:00	6	Very Good	Boss	Unknown	NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	9	1	Capo	Gitár capo, állítható, karcmentes.	2500.00	active	2025-11-21 12:15:00	1	Very Good			NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	10	1	Casio Sustain Pedal	Casio sustain pedál, digitális zongorához.	4000.00	active	2025-11-21 12:20:00	3	Very Good	Casio	SP-20	NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	11	1	Drum Throne	Dobos ülőke, állítható magasság, stabil.	12000.00	active	2025-11-21 12:25:00	2	Very Good	Unknown		NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	12	1	Audio Interface	USB audio interface, 2 input/2 output, stúdió minő...	35000.00	active	2025-11-21 12:30:00	5	Very Good	Focusrite	Scarlett 2i2	NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	14	1	MG10G Amplifier	Marshall MG10G gitárerősítő, 10W, kompakt.	22000.00	active	2025-11-21 12:40:00	5	Very Good	Marshall	MG10G	NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	15	1	Paiste Cymbals	Paiste cintányérok, kiváló állapot, stúdió minőség...	45000.00	active	2025-11-21 12:45:00	2	Very Good	Paiste		NULL	0	NULL
<input type="checkbox"/> Edit Copy Delete	16	1	Shure Microphone	Shure SM58 mikrofon, élő fellépéshez és stúdióhoz.	30000.00	active	2025-11-21 12:50:00	5	Very Good	Shure	SM58	NULL	0	NULL

Kategóriák, amelyekhez tartozik legalább 1 hirdetés:

```
SELECT categories.name, COUNT(listings.id)
FROM categories
JOIN listings ON listings.category_id = categories.id
GROUP BY categories.id
HAVING COUNT(listings.id) > 0;
```

name	COUNT(listings.id)
Guitars	3
Drums	2
Keyboards	2
Basses	1
Amps	5
Pedals	1

Igazolt emaillel rendelkező felhasználók:

```
SELECT name FROM users WHERE email_verified = 1;
```

	name
<input type="checkbox"/> Edit Copy Delete	admin

AI által 4 fölértékelt hirdetések:

```
SELECT title FROM listings WHERE ai_rating > 4.0;
```

	title
<input type="checkbox"/> Edit Copy Delete	Stratocaster
<input type="checkbox"/> Edit Copy Delete	Ernie Ball Super Slinky 2223

Üzenetek egy adott felhasználótól:

```
SELECT content FROM messages WHERE sent_from = 1;
```

	content
<input type="checkbox"/> Edit Copy Delete	ezt a terméket hol vetted? mert ugyan ilyet kerest...

UPDATE(5)

A felhasználó státuszát inaktívra állítja:

```
UPDATE users SET status = 'inactive' WHERE id = 1;
```

Aktivál egy hirdetést:

```
UPDATE listings SET status = 'active' WHERE id = 3;
```

Növeli egy user értékelését 0.5-tel:

```
UPDATE users SET rating = rating + 0.5 WHERE id = 1;
```

Igazolatlanak jelöli az e-mailt:

```
UPDATE users SET email_verified = 0 WHERE name = "admin";
```

AI-review késznek jelöl egy hirdetést:

```
UPDATE listings SET ai_reviewed = 1 WHERE id = 10;
```

DELETE(5)

Töröl egy felhasználót:

```
DELETE FROM users WHERE id = 5;
```

Töröl egy hirdetést:

```
DELETE FROM listings WHERE id = 2;
```

Töröl egy elemet a kosárból:

```
DELETE FROM cart_items WHERE id = 1;
```

Töröl egy üzenetet:

```
DELETE FROM messages WHERE id = 2;
```

Törli egy törölt user statisztikáját:

```
DELETE FROM user_stats WHERE user_id = 1;
```