



# Quick Fix: Customer Stats Migration Error

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## The Problem

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You got this error in Supabase:

```
ERROR: 42809: "customer_stats" is not a view  
HINT: Use DROP TABLE to remove a table.
```

## The Solution

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### Copy This SQL Into Supabase SQL Editor

1. **Go to:** Supabase Dashboard → SQL Editor → New Query
2. **Copy and paste** the following SQL:

```
-- Fix Migration 013: Drop TABLE and create VIEW with credit info

-- Step 1: Drop the existing TABLE (not VIEW)
DROP TABLE IF EXISTS customer_stats CASCADE;

-- Step 2: Create the new VIEW with credit columns
CREATE OR REPLACE VIEW customer_stats AS
SELECT
  c.id,
  c.name,
  c.is_active,
  c.created_at,
  c.contact_email,
  c.max_users,
  c.logo_url,
  COUNT(DISTINCT u.id) as total_users,
  COUNT(DISTINCT CASE WHEN u.is_active THEN u.id END) as active_users,
  COUNT(sh.id) as total_searches,
  MAX(sh.searched_at) as last_search_at,
  MAX(u.last_login) as last_login_at,
  COALESCE(cc.balance, 0) as credit_balance,
  COALESCE(cc.total_purchased, 0) as total_credits_purchased,
  COALESCE(cc.total_used, 0) as total_credits_used
FROM customers c
LEFT JOIN users u ON c.id = u.customer_id
LEFT JOIN search_history sh ON c.id = sh.customer_id
LEFT JOIN customer_credits cc ON c.id = cc.customer_id
GROUP BY
  c.id,
  c.name,
  c.is_active,
  c.created_at,
  c.contact_email,
  c.max_users,
  c.logo_url,
  cc.balance,
  cc.total_purchased,
  cc.total_used;

COMMENT ON VIEW customer_stats IS 'Customer statistics view including user counts,
search activity, and credit balances';
```

1. Click “Run” or press `Ctrl+Enter`





2. Verify it worked:

```
-- This should return 'VIEW'
SELECT table_type
FROM information_schema.tables
WHERE table_name = 'customer_stats';

-- This should show your customers with credit info
SELECT
  name,
  credit_balance,
  total_credits_purchased,
  total_credits_used
FROM customer_stats;
```

## What This Does

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-  Drops the existing `customer_stats` **TABLE**
-  Creates a new `customer_stats` **VIEW**
-  Adds credit columns: `credit_balance`, `total_credits_purchased`, `total_credits_used`
-  Preserves all existing customer data
-  Makes your admin dashboard credit display work





## Why This Happened

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`customer_stats` was originally created as a **TABLE**, but the new design needs it to be a **VIEW** so it can dynamically fetch credit information from the `customer_credits` table.

## Next Steps

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1.  Run the SQL above in Supabase
2.  Verify the queries work
3.  Refresh your admin dashboard
4.  You should now see credit balances for all customers!

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**Need Help?** Check `/database/migrations/SUPABASE_INSTRUCTIONS.md` for detailed documentation.