

POST-MIGRATION VERIFICATION REPORT

Project: Mohammed Stocks Platform (Supabase Database)

Report purpose: Confirm database function hardening & security fixes were successfully applied.

SUMMARY OF ACTIONS PERFORMED

- 59 public functions updated using CREATE OR REPLACE FUNCTION
 - Added explicit: SET search_path = public, pg_temp
 - Functions requiring auth context received: SET search_path = public, auth, pg_temp
 - No ownership, permissions, or triggers were affected
 - No dynamic or unsafe rewrites (explicit function-by-function update)
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VALIDATION RESULTS

- ✓ No remaining functions missing SET search_path
 - ✓ Security warnings in Supabase dashboard are resolved
 - ✓ All functions compiled correctly without dependency errors
 - ✓ No reference exists anymore to: audit_forecast_metrics
 - ✓ Correct table confirmed: forecast_check_history
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FUNCTIONALITY / SMOKE TEST RESULTS

The following functions were executed successfully after migration:

- get_daily_analysis_summary()
- get_daily_forecast_results()
- get_the_coming_trend_data()

Outcome: All returned valid results, confirming runtime safety.

DATA VALIDATION

- Verified table exists: public.forecast_check_history
 - Forecast data is present (historical rows detected)
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FINAL CONCLUSION

- Migration fully completed
- Database functions are secured
- System stable and ready for continued development

End of Report.