

## POST-MIGRATION VERIFICATION REPORT

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Project: Mohammed Stocks Platform (Supabase Database)

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

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### SUMMARY OF ACTIONS PERFORMED

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- 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

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- ✓ 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

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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.

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### DATA VALIDATION

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- Verified table exists: public.forecast\_check\_history
- Forecast data is present (historical rows detected)

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### FINAL CONCLUSION

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

End of Report.