

BetManager Pro - Data Platform Case Study

Multi-source ingestion, provenance, coverage and decision-support operations

OWNER-BUILT PRIVATE PROJECT - SANITIZED SNAPSHOT

Problem and scope

A local platform consolidates heterogeneous football and odds data without forcing every analysis to call live providers. It combines historical and current sources, normalizes identities, records provenance and exposes operational coverage before downstream decision support uses the data.

Documented snapshot

Database	60.82 GB local SQLite database.
Fixtures	More than 1.8 million represented in the documented UI snapshot.
Odds history	More than 25 million time-series rows represented in the documented UI snapshot.
Sources	API-based, CSV and public data sources with explicit provenance.
Safety	Final wager placement remains a human action.

Architecture

- Collectors write source-specific input; one controlled importer owns database writes.
- Stable mappings and deduplication preserve legitimate repeated events while blocking duplicate imports.
- Coverage is measured by region and data class; unknown is not silently treated as zero.
- Quota and rate-limit controls stop wasteful or unsafe ingestion.
- Fail-closed behavior prevents a missing credential or proxy from turning into an uncontrolled fallback.

Engineering evidence

The project demonstrates data modeling, source adapters, large local datasets, operational dashboards, time-series storage, ELO calculation, testable business rules, a Next.js interface and a C# native helper. Personal financial data and provider credentials are excluded from this reference.

Scope note: factual claims follow the public claim register at docs.mk1.rocks/claims.json.